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Use natural language to troubleshoot and get deep insights fast, without deep expertise. Monitor, investigate, and respond rapidly at scale with comprehensive visibility, shared tooling, and advanced AI. Share data across security and observability, remove silos, and get richer context. Control costs and compliance with data federation. Fuel your AI with all your operational data. ,the free encyclopedia that anyone can edit.117,937 active editors 7,001,149 articles in EnglishThe English-language Wikipedia thanks its contributors for creating more than seven million articles! Learn how you can take part in the encyclopedia's continued improvement.GL Mk.II transmitter vanRadar, Gun Laying, MarkI, or GL Mk.I for short, was an early World WarII radar system developed by the British Army to provide information for anti-aircraft artillery. There were two upgrades, GL/EF (elevation finder) and GL Mk.II (pictured), both improving the ability to determine a target's bearing and elevation. GL refers to the radar's ability to direct the guns onto a target, known as gun laying. The first GL sets were developed in 1936 using separate transmitters and receivers mounted on gun carriages. Several were captured in 1940, leading the Germans to believe falsely that British radar was much less advanced than theirs. The GL/EF attachment provided bearing and elevation measurements accurate to about a degree; this caused the number of rounds needed to destroy an aircraft to fall to 4,100, a tenfold improvement over early-war results. The Mk.II, which was able to directly guide the guns, lowered the rounds-per-kill to 2,750. About 410 Mk.Is and 1,679 Mk.IIs were produced. (Fullarticle...)Recently featured: Andrea NavageroNosy KombaMcDonnell Douglas Phantom in UK serviceArchiveBy emailMore featured articlesAboutLieke Klaver ahead in the women's 400 metres final... that a 400-metre race in 2025 (pictured) was won by Lieke Klaver, who pretended that an absent competitor was running in front of her?... that the land snail Drymaeus poecilus is notable for the striking variety of colors and patterns on its shell?... that a forensic investigation of Signalgate has determined how a journalist was included in a group chat about Operation Rough Rider?... that two of the players involved in the 2005 Vietnamese football match-fixing scandal did not accept payment because they felt ashamed?... that Cave Johnson Couts was separately acquitted for shooting his foreman, firing on funeral mourners, and whipping a native laborer to death?... that characters' scars in an episode of The Last of Us were made with a paste-based appliance and a food mixer?ArchiveStart a new articleNominate an articleNgg wa Thiong'oKenyan writer and activist Ngg wa Thiong'o (pictured) dies at the age of 87.In sumo, nosato Daiki is promoted to yokozuna.In association football, Liverpool win the Premier League title.In motor racing, lex Palou wins the Indianapolis 500.Ongoing: Gaza warM23 campaignRussian invasion of UkrainetimelineSudanese civil wartimelineRecent deaths: Phil RobertsonMary K. GaillardPeter DavidAlan YentobGerry ConnollySebastio SalgadoNominate an articleMay 30: Statehood Day in Croatia (1990)Johann Sebastian Bach1431 Hundred Years' War: After being convicted of heresy, Joan of Arc was burned at the stake in Rouen, France.1723 Johann Sebastian Bach (pictured) assumed the office of Thomaskantor in Leipzig, presenting the cantata Die Elenden sollen essen in St.Nicholas Church.1922 The Lincoln Memorial in Washington, D.C., featuring a sculpture of the sixteenth U.S. president Abraham Lincoln by Daniel Chester French, opened.1963 Buddhist crisis: A protest against pro-Catholic discrimination was held outside the National Assembly of South Vietnam in Saigon, the first open demonstration against President Ng nh Dim.2008 The Convention on Cluster Munitions, prohibiting the use, transfer, and stockpiling of cluster bombs, was adopted.Ma Xifan (d.947)Colin Blythe (b.1879)Norris Bradbury (b.1909)Wynonna Judd (b.1964)More anniversaries: May 29May 30May 31ArchiveBy emailList of days of the yearAboutSeventeen performing "Oh My!" in 2018South Korean boy band Seventeen made their debut on May 26, 2015, when they performed a showcase for their debut EP 17 Carat in front of a crowd of 1,000 people. Since then, the group have held 9 concert tours, 13 fan meetings, and have performed at a number of music festivals and awards shows. Their concert tours include the Right Here World Tour, which sold over one million tickets, and the Follow Tour, which was noted by Billboard as being the top grossing K-pop tour of 2023. In 2024, Seventeen made their first appearances at festivals in Europe, when they were the first South Korean act to perform at Glastonbury Festival's Pyramid Stage and as headliners for Lollapalooza Berlin. Seventeen's live performances are well regarded by fans and critics alike, and garnered them the award for Top K-pop Touring Artist at the 2024 Billboard Music Awards. (Fulllist...)Recently featured: Accolades received by Top Gun: MaverickNational preserve76th Primetime Emmy AwardsArchiveMore featured listsIgnace Tonen (1840 or 1841 15 March 1916), also known as Nias or by his Ojibwe name Maiagizis ('right/correct sun'), was a Teme-Augama Anishnabai chief, fur trader, and gold prospector in Upper Canada. He was a prominent employee of the Hudson's Bay Company. Tonen was the elected deputy chief before being the lead chief and later the life chief of his community. In his role as deputy, he negotiated with the Canadian federal government and the Ontario provincial government, advocating for his community to receive annual financial support from both. His attempts to secure land reserves for his community were thwarted by the Ontario premier Oliver Mowat. Tonen's prospecting triggered a 1906 gold rush and the creation of Kerr Addison Mines Ltd., although one of his claims was stolen from him by white Canadian prospectors. This photograph shows Tonen in 1909.Photograph credit: William John Winter; restored by Adam CuerdenRecently featured: Australian white ibisHell Gate BridgeAnemonoides blandaArchiveMore featured picturesCommunity portal The central hub for editors, with resources, links, tasks, and announcements.Village pump Forum for discussions about Wikipedia itself, including policies and technical issues.Site news Sources of news about Wikipedia and the broader Wikimedia movement.Teahouse Ask basic questions about using or editing Wikipedia.Help desk Ask questions about using or editing Wikipedia.Reference desk Ask research questions about encyclopedic topics.Content portals A unique way to navigate the encyclopedia.Wikipedia is written by volunteer editors and hosted by the Wikimedia Foundation, a non-profit organization that also hosts a range of other volunteer projects: CommonsFree media repository MediaWikiWiki software development MetaWikimedia project coordination WikibooksFree textbooks and manuals WikidataFree knowledge base WikinewsFree-content news WikiquoteCollection of quotations WikisourceFree-content library WikispeciesDirectory of species WikiversityFree learning tools WikivoyageFree travel guide WiktionaryDictionary and thesaurusThis Wikipedia is written in English. Many other Wikipedias are available; some of the largest are listed below. 1,000,000+ articles DeutschEspaolFranaisItalianoNederlandsPolskiPortugusSvenskaTing Vit 250,000+ articles Bahasa IndonesiaBahasa MelayuBm-lm-gCataletinaDanskEestiEsperantoEuskaraMagyarNorsk bokmlRomnSimple EnglishSloveninaSrpskiSrpskohrvatskiSuomiTrkeOzbekcha 50,000+ articles AsturianuAzrbaycancaBosanskiFryskGaeilgeGalegoHrvatskiKurdLatvieuLietuviNorsk nynorskShqipSlovenina Retrieved from " 2EP by Seventeen17 CaratEP by SeventeenReleasedMay29,2015(2015-05-29)GenreK-popdance-pophip hopLength16:48LanguageKoreanLabelPledis EntertainmentLOEN EntertainmentSeventeen chronology17 Carat(2015)Boys Be(2015)Singles from 17 Carat "Adore U"Released: May 29, 201517 Carat is the debut extended play (EP) by South Korean boy group Seventeen. It was released on May 29, 2015, by Pledis Entertainment and distributed by LOEN Entertainment. "Adore U" serves as the lead single for the EP.17 Carat features five tracks written, co-written, and co-produced by Seventeen's group members. "Adore U" was chosen as the lead single for the EP and was performed on multiple music shows by the group. "Shining Diamond" was used as a pre-single on the group's reality debut show. The group stated that the tracklist was chosen to reflect Seventeen's core concept of "boys' passion".[1] The album has two physical versions: one with a "black" themed photo card set, and the other with a "white" themed photo card set. All copies include a CD containing the songs and a fold-up poster/lyric sheet."Adore U" is the lead single of the extended play. It was written by Woozi, S.Coups, and Yeon Dong-geon.[2] The Korea Herald states "Adore U' is a funky pop song about a teenage boy trying to navigate through puppy love."[3] It marks the beginning of the group's trilogy composed of the singles Adore U, Mansae, and Pretty U about a boy meeting, falling in love and asking out a girl. The track was composed and arranged by Woozi, Bumzu, and Yeon Dong-geon. The music video for the single was released on May 29, 2015, and was directed by Dee Shin. The dance choreography accompaniment to the song was choreographed by Hoshi and focuses on "storytelling, and on highlighting each member's strengths onstage".[4] The single has sold more than 38,000 digital copies and peaked at number 13 on the Billboard US World Chart.The EP has sold over 82,972 copies in South Korea.[5] It peaked at number 4 on the Korean Gaon Album Chart[6] and number 8 on the US World Billboard Chart.[7]Year-end listsCritic/publicationListRankRef.BillboardThe 10 Best K-pop Album of 2015Placed[8]Hoshi participated in the choreography of "Adore U" and "Shining Diamond", Dino choreographed "Jam Jam".[9]Official track list[10]No.TitleLyricsMusicArrangementsLength1."Shining Diamond"WooziVernonS.CoupsKim Min-joongWooziMasterKeyRishiMasterKeyRishi3:242."Adore U"" (; Akkinda)WooziVernonS.CoupsBumzuWooziBumzuYeon Dong-geonWooziBumzuYeon Dong-geon3:073."Ah Yeah" (Hip-Hop unit)S. CoupsVernonWonwooMingyuCream DoughnutRishiCream DoughnutRishi3:294."Jam Jam" (Performance unit = Vernon)WooziHoshiDinoVernonWooziCream DoughnutCream Doughnut3:255."20" (Vocal unit)WooziWooziWon Yeong-heonWon Yeong-heonDong Ne-hyeong3:23Weekly chart performance for 17 CaratChart (2015-2023)PeakpositionJapanese Albums (Oricon)[11]46South Korean Albums (Gaon)[12]4US World Albums (Billboard)[13]8Year-end chart performance for 17 CaratChart (2015)PeakpositionSouth Korean Albums (Gaon)[14]47^ "Seventeen hopes to shine like diamonds with '17 Carat'". The Korea Herald. 26 May 2015. Retrieved 30 November 2016.^ "Adore U". Color Coded Lyrics. 29 May 2015. Retrieved 29 November 2016.^ "Seventeen hopes to shine like diamonds with '17 Carat'". The Korea Herald. 26 May 2015. Retrieved 30 November 2016.^ "Seventeen hopes to shine like diamonds with '17 Carat'". The Korea Herald. 26 May 2015. 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Retrieved February 17, 2024.Retrieved from " 3The following pages link to 17 Carat External tools(link counttransclusion countsorted list) See help page for transcluding these entriesShowing 50 items.View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)Main Page (links | edit)Pledis Entertainment discography (links | edit)List of 2015 albums (links | edit)2015 in South Korean music (links | edit)Seventeen (South Korean band) (links | edit)S.Coups (links | edit)Vernon (rapper) (links | edit)Wonwoo (links | edit)List of awards and nominations received by Seventeen (links | edit)Seventeen discography (links | edit)Love & Letter (links | edit)Joshua (singer) (links | edit)Seventeen TV (links | edit)17 carat (redirect page) (links | edit)Seventeen live performances (links | edit)Teen, Age (links | edit)All (links | edit)Bumzu (links | edit)Boys Be (EP) (links | edit)You Make My Day (links | edit)You Made My Dawn (links | edit)Jun (Chinese entertainer) (links | edit)List of Stray Kids live performances (links | edit)The8 (links | edit)An Ode (links | edit)Seungkwan (links | edit)Fallin' Flower (links | edit)Heng:gar (links | edit)Semicolon (EP) (links | edit)Your Choice (links | edit)Going Seventeen (web series) (links | edit)Not Alone (Seventeen song) (links | edit)Attacca (EP) (links | edit)Rock with You (Seventeen song) (links | edit)Woozi (links | edit)Hoshi (South Korean singer) (links | edit)Don't Wanna Cry (Seventeen song) (links | edit)Darl+ing (links | edit)Face the Sun (links | edit)Left & Right (Seventeen song) (links | edit)24H (EP) (links | edit)We Make You (links | edit)Hot (Seventeen song) (links | edit)Dream (Seventeen EP) (links | edit)BSS (band) (links | edit)FML (EP) (links | edit)Super (Seventeen song) (links | edit)Always Yours (album) (links | edit)Seventeenth Heaven (links | edit)View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)Retrieved from " WhatLinksHere/17_Carat" Over the past few years, managing systems and workloads have undergone a radical change. Instead of high-performance and expensive servers, commodity servers with distributed system architecture are clustered together via virtualization, which prevents downtime caused by server outages.The focus, in recent times, has moved from hardware-specific dependency to SDI (software-defined infrastructure) with zero human intervention eliminating errors and inconsistencies inherent in manual processes.The software-defined infrastructure has brought DevOps to prominence, which is a combination of tools, cultural philosophies, and practices that merge software development (Dev) and IT operations (Ops). DevOps aims to heighten an organizations capacity to deliver services and applications at high speed, compared to traditional infrastructure management and software development processes.Organizations that created a DevOps culture benefit in many ways, including increased collaboration, faster product improvement, and a seamless supply of high-quality, reliable software.DevOps teams, however, do not always include systems development professionals responsible for improving site performance and reliability. This is where an SRE (site reliability engineer) comes into play.As enterprise IT management witnesses a large-scale transformation, the site reliability engineer job market is growing large and strong. If you want to explore the fascinating world of DevOps and want to go beyond, a site reliability engineer job could be a perfect fit.Explore the opportunities of working with the latest DevOps tools such as Docker, Git, Jenkins, and more by choosing our DevOps Engineer Certification Course. Grab your seat fast by contacting our admission counselor TODAY! Similar principles influence the roles and responsibilities of a site reliability engineer and a DevOps engineer.They both work to bridge the gap between operations staff and developer teams, aiming to expedite developments while retaining core resiliency.There is, however, a vital difference between the job of a DevOps engineer and a site reliability engineer, which is crucial and subtle.The fundamental difference is, DevOps engineers focus on developer velocity and continuous delivery, whereas site reliability engineers are responsible for service automation and reliability.Besides automating and ensuring system stability, the site reliability engineer job also involves monitoring releases and successfully deploying them, keeping the SDI buzzing.Simply put, DevOps teams engineer continuous delivery till deployment, whereas SREs emphasize on maintaining uninterrupted operations from the beginning to the end of a softwares life cycle. Site reliability engineering was born in 2003 at Google. The technology giant introduced it to make its mass-scale websites more efficient, scalable, and reliable. The effect was so overwhelming that other top technology companies, such as Netflix and Amazon, soon adopted the new practice.Eventually, site reliability engineering made a full-fledged entry into the IT domain, automating solutions such as capacity and performance planning, managing risks, disaster response, and on-call monitoring. From basic-level site reliability engineer jobs to people working as senior site reliability engineer, everyone on-board focuses on driving high reliability into systems by working closely with software development and IT-operations teams.Here are some general roles and responsibilities in a site reliability engineer job that SREs need to perform.Software EngineeringSite reliability engineers incorporate various software engineering aspects to develop and implement services that improve IT and support teams. Services can range from production code changes to alerting and monitoring adjustments.The site reliability engineer job also includes tasks like building proprietary tools from the scratch to mitigate weaknesses in incident management or software delivery.Troubleshooting Support EscalationSite reliability engineers may have to spend a considerable amount of time fixing cases related to support escalation. They should fully know critical issues to route support escalation incidents to concerned teams. Critical support escalation cases, however, go down as site reliability engineering operations mature.On-Call Process OptimizationIn many organizations, the site reliability engineer job will involve the implementation of strategies that increase system reliability and performance through on-call rotation and process optimization.Site reliability engineers will also have to add automation for improved collaborative response in real-time, besides updating documentation, runbook tools, and modules to ready teams for incidents.Documenting KnowledgeA site reliability engineers take part in on-call duties, IT operations, software development, and support, they gain substantial historical knowledge.To ensure a seamless flow of information between teams, site reliability engineer job may require documenting the knowledge gained.Optimizing SDLC (Software Development Life Cycle)Site reliability engineers must ensure that IT professionals and software developers are reviewing incidents and documenting the findings to enable informed decision-making.Based on post-incident reviews, site reliability engineers will need to optimize the Software Development Life Cycle (SDLC) to boost service reliability.Site Reliability Engineering SalarySite reliability engineer salaries vary on different factors, including academic qualifications, additional skills, certifications, and professional experience.In the United States, the site reliability engineer salary ranges from $78,901 to $90,101. The national average is $84,001.The annual senior site reliability engineer salary in the US is 116,046 dollars.In the United Kingdom, the average site reliability engineer salary is 64,477.A national average of 81,000 is the senior site reliability engineer salary in the United Kingdom.In India, the average site reliability engineer salary is 1,075,971.The senior site reliability engineer salary in India is 2,150,000 per year.Become an expert in automation of configuration management, inter-team collaboration, continuous development and deployment, and IT service agility in our DevOps Engineer program. Get hands-on experience by implementing capstone projects in multiple domains. Enroll NOW! Most employers prefer a Computer Science degree for recruiting individuals as an entry-level site reliability engineer.However, if you are aiming big, you will need a professional certification from a leading certification provider such as Simplilearn. The DevOps Engineer master's Training program will prepare you for a career in DevOps. Youll become an expert in continuous development and deployment principles, configuration management automation, inter-team collaboration, and IT service agility, using DevOps tools such as Git, Docker, Jenkins, and more. The DevOps Engineer Master's program helps you to master the art and science of reliability engineering operations mature.On-Call Process Optimization3-month moving average salary quoted in citing Site Reliability Engineer over the 6 months to 30 May 2025. The table below looks at the demand and provides a guide to the median salaries quoted in IT jobs citing Site Reliability Engineer within the Cw for the 6 months to 30 May 2025. The 'Rank Change' column provides an indication of the change in demand within each location based on the same 6 month period last year. Location Rank Changeon Same PeriodLast Year MatchingPermanentIT Job Ads Median SalaryPast 6 Months Median Salary% Changeon Same PeriodLast Year LiveJobs England +59 75 69,384 -28.84% 748 UK excluding London +195 47 67,563 +0.09% 752 London +23 39 85,000 -20.93% 85 Work from Home +63 35 72,500 -17.14% 585 Midlands +95 16 60,000 +9.09% 139 West Midlands - 16 60,000 - 76 North of England +53 11 69,384 -13.27% 176 Scotland - 9 65,000 - 27 North West +10 7 70,000 -9.68% 87 South East +77 4 75,000 +7.14% 204 South West +99 3 94,637 +37.65% 90 North East - 3 69,384 - 18 East of England +46 2 - - 113 Yorkshire +57 1 70,000 -12.50% 71 Wales +46 1 67,626 +22.96% 22 Northern Ireland - 1 85,000 - 9 For the 6 months to 30 May 2025, Site Reliability Engineer job roles required the following skills and capabilities in order of popularity. The figures indicate the absolute number co-occurrences and as a proportion of all permanent job ads featuring Site Reliability Engineer in the job title. The follow tables expand on the table above by listing co-occurrences grouped by category. The same employment type, locality and period is covered with up to 20 co-occurrences shown as each of the following categories: 800 Site Reliability Engineer jobs Nationwide A site reliability engineer combines the reliability of infrastructure environments. They ensure software applications run smoothly without causing errors after deployment and new changes.In this article, we will explore the responsibilities of site reliability engineers and how much salary they should expect.What is the site reliability engineer's role?A Site Reliability Engineer (SRE) is an advanced DevOps role that combines software engineering and systems administration to ensure the scalability, performance, and reliability of large-scale, cloud-based applications and infrastructure.Traditional operations roles focus on maintaining systems and reacting to issues, often with a "firefighting" mentality. However, as applications and infrastructure became complex and cloud-baseda more proactive and software-centric approach was needed to ensure reliability at scale.By combining software engineering and systems administration, SREs brought a different mindset to operations. They approached operations challenges with a software engineering perspective, leveraging:CodingAutomationEngineering principlesBy doing so, they build resilient, self-healing systems that could scale seamlessly.So how do they actually do this? Heres what an SRE actually does:Detect issues.Automatically handle failures.Prepare disaster recovery plans.Keep the system up and mobile.Mitigate broken systems and prevent them from causing future disruptions.Since the site reliability engineer vs DevOpsSite reliability engineering is often confused with DevOps because it focuses on monitoring and improving the systems reliability. However, SREs are generally involved in the development cycle (SDLC), from coding to scaling applications. Their duties include maintaining production stability and responding to on-call incidents.While DevOps deals with both development and operational tasks. They aim for fast software releases while maintaining cost-effectiveness.(Learn about common DevOps roles.)Site reliability engineer salary rangePlatforms like Glassdoor, ZipRecruiter, and Indeed conduct salary surveys to track the average salary for different roles.And the SRE role is in high demand for its importances to businesses and the income and benefits attached to it.As of March 2024, this is what site reliability engineers are paid in the U.S on average.These numbers might go up or down depending on the following factors:Size of the company you're applying forExperience and skills levelJob complexityYour locationGen AI can be super helpful! But there is a lot of confusion on how it can and should be used as a job candidate. Allie and Dustin, two recruiting experts, share the dos and donts of Gen AI for job applicants.Responsibilities of a site reliability engineerAn SRE bridges the gap between traditional software engineering and operations to ensure highly scalable and fault-tolerant systems. As a result, they ensure the reliable and efficient operation of an organization's systems and services.Heres an in-depth look into the core responsibilities of site reliability engineers:Ensure system reliability and availabilityEfficient systems are the backbone of every business that continuously update their application systems to provide advanced features to users.But sometimes, their systems become unreliable, which results in unavailability. This is where site reliability engineers help.Here's how they ensure systems are reliable:Mitigate operational risksSREs identify, assess, and implement measures to eliminate potential risks that could impact the performance of systems and services.Heres how they do it:Collaborate with development teams and other stakeholders to identify potential risks.Once risks are identified, they analyze and evaluate potential impact and likelihood of occurrence.Based on the risk assessment, they implement various risk mitigation strategies to mitigate operational risks.Once done, they continuously monitor and review the effectiveness of their risk strategies.By doing so, SREs maintain system reliability and ensure a positive user experience.Conduct security risk management.Monitor system healthMonitoring means ensuring your systems health. An SRE uses alerts, tickets, logging mechanisms, and request times to monitor a systems health. This ensures the system is stable and minimizes user disruption. In case any occurs, they respond immediately to resolve it.However, doing all of this manually is expensive and time-consuming. So, SREs automate this process for systems that handle large amounts of data.Here's how they do it:Study historical trends in terms of performance by using metrics like charts and graphs.Next, they trace the problems with system bottlenecks.Monitor the log files to manage infrastructures at scale.Doing so eliminates manual collection, storage, and visualization of the data.Minimize emergency responseEmergency response is the time site reliability engineers take to respond to problems. This period is known as the Mean Time to Respond (MTTR). It measures the time an SRE takes to fix the incident after it happens.Minimizing the MTTR for reliable systems is necessary to reduce downtime. As an SRE, you can improve this metric by resolving the incidents quickly.(Related reading: IT failure metrics.)Maintain internal tooling systemsSite reliability engineers maintain internal tools such as:Communication platforms like Gmail and SlackBug tracking platforms such as JIRADeployment strategies such as GitOps and FluxMonitoring solutions like SplunkError logging services such as Sentry and FullStoryDocumentation tools such as wikis or Notion.Continuous ImprovementSite reliability engineers aim to make systems better every day. For this purpose, they collaborate with teams like QA, software engineers, and security engineers to ensure all teams are on the same page.They receive feedback, learn from it, and suggest new solutions.Site reliability engineer skills to kick-start your roleIf you want to become a site reliability engineer, you must possess the following skills:Ability to grow and collab with different teamsTo become an SRE, you must be ready to implement what you have learned to become better at your role with every passing day. In this role, you have to collaborate with different teams to deploy and how to make them reliable.Here are three simple ways to learn and grow as an SRE:Observe past behaviors to understand the current state of the system.Learn from incidents.Collaborate with product teams.Good grasp of scripting languagesTo become a good site reliability engineer, you must have hands-on experience with scripting languages like Python and Bash. These scripting languages help with:Automation of processes.Troubleshooting issues.Enhancing efficiency and reliability across infrastructure.(Related reading: programming languages & query languages.)Expertise in KubernetesSREs' core roles include troubleshooting and managing failing systems. Kubernetes and containerization technologies automate this process by managing data on various systems.Whenever you want to roll out new programs, Kubernetes streamlines deployments by handling complicated stuff. This makes it easier to set up and manage software smoothly. Thats why you must have good experience with Kubernetes as an SRE.Understanding of CI/CDSince the main job of a site reliability engineer is to ensure that the system runs smoothly, you must have an in-depth understanding of CI/CD.CI (continuous integration) checks and combines code from different developers.CD (continuous delivery) makes deliveries and deployments safe.CI ensures that every part of a complex infrastructure fits seamlessly, while CD ensures changes are deployed without any disruption in the network.With these skills,you can minimize the chances of disaster and fix bugs immediately.(Learn more about CI/CD monitoring.)Ready to start your SRE job?Site reliability engineers ensure the smooth operation of systems in organizations. They make systems more reliable and efficient by performing different tasks, from monitoring and minimizing MTTR to detecting and resolving disasters before they disruption. Share copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution You must give appropriate credit , provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. 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