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# Site Reliability Engineer Job Description template

# Site Reliability Engineer Job Description Template/Brief

We are seeking a Site Reliability Engineer to join our team to enhance the reliability and performance of our systems. This role involves building and maintaining infrastructure, monitoring and improving system operations, and collaborating with teams to ensure high availability. The ideal candidate should have experience with cloud platforms, strong scripting skills, and a passion for automation.

# Site Reliability Engineer Job Profile

A Site Reliability Engineer works at the intersection of software development and systems engineering, aiming to enhance the reliability and performance of production systems. They are responsible for building tools to improve deployment and incident handling processes. This role requires deep expertise in infrastructure management and a problemsolving mindset.

## **Reports To**

The Site Reliability Engineer typically reports to the Head of Infrastructure or the Director of DevOps.

## Site Reliability Engineer Responsibilities

- Design and implement monitoring and alerting tools to ensure system health.
- Build and maintain CI/CD pipelines to support development teams.
- Collaborate with software engineers to improve system reliability and performance.
- Automate operational processes to minimize manual intervention.
- Respond to and troubleshoot complex issues in production environments.
- Ensure high availability and scalability of critical services.
- Contribute to post-mortem analysis to prevent future incidents.
- Optimize system resources and manage capacity planning.
- Develop scripts and tools to automate tasks and improve efficiency.

## Site Reliability Engineer Requirements & Skills

- Experience with cloud platforms such as AWS, GCP, or Azure.
- Strong scripting skills in languages like Python, Bash, or Ruby.
- Proficiency with infrastructure as code tools like Terraform or Ansible.
- Understanding of containerization technologies such as Docker and Kubernetes.
- Knowledge of monitoring tools like Prometheus, Grafana, or Nagios.
- Experience with CI/CD tools such as Jenkins, Travis CI, or CircleCI.
- Problem-solving skills and the ability to work under pressure.
- Bachelor's degree in Computer Science, IT, or a related field.