New Grad – Site Reliability Engineer

Job Location: Bangalore, India

What is Visa?

WE ARE NOT A BANK; WE ARE NOT A CREDIT CARD COMPANY!!

Visa is the world's leader in digital payments technology!

As the world's leader in digital payments technology, Visa's mission is to connect the world through the most creative, reliable and secure payment network - enabling individuals, businesses, and economies to thrive. Our advanced global processing network, VisaNet, provides secure and reliable payments around the world, and is capable of handling over 259 billion payments transactions safely between consumers, merchants, financial institutions, and government entities in more than 200 countries and territories each year. The company's dedication to innovation drives the rapid growth of connected commerce on any device and fuels the dream of a cashless future for everyone, everywhere. As the world moves from analog to digital, Visa is applying our brand, products, people, network and scale to reshape the future of commerce.

At Visa, your individuality fits right in. Working here gives you an opportunity to impact the world, invest in your career growth, and be part of an inclusive and diverse workplace. We are a global team of disruptors, trailblazers, innovators and risk-takers who help drive economic growth in even the most remote parts of the world, creatively moving the industry forward, and doing meaningful work that brings financial literacy and digital commerce to millions of unbanked and underserved consumers.

You're an Individual. We're the team for you. Together, let's transform the way the world pays.

Job Description

As a Site Reliability Engineer (SRE), you'll be part of a global engineering team responsible for building and maintaining the infrastructure that powers secure, high-speed digital transactions across 200+ countries. This role blends software engineering with systems thinking to create scalable, resilient, and automated platforms.

You'll contribute to the development of release automation frameworks, observability tooling, and GenAI-powered assistants that enhance developer productivity and operational efficiency. This is a Hybrid role with hands-on engineering and Operations role, ideal for new graduates passionate about working with Infrastructure, automation, and modern cloud-native systems.

Key Responsibilities

Engineering & Automation

- Design and implement automation for deployment pipelines, infrastructure provisioning, and release orchestration.

- Build modular components for release scheduling, validation, rollback, and reporting.

- Develop scripts and tools using Python, Go, Bash, or JavaScript to eliminate manual tasks and improve system reliability.

GenAI Integration

- Collaborate on GenAI-powered tools to enhance efficiency across key engineering workflows such as deployment orchestration, release governance, and environment lifecycle management.

- Integrate LLMs into observability, incident response, and developer support workflows.

- Contribute to prompt engineering, model fine-tuning, and agentic automation initiatives.

Observability & Monitoring

- Build dashboards, alerts, and metrics using Prometheus, Grafana, Splunk, or ELK.

- Analyze system performance and availability across distributed environments.

- Contribute to self-healing and auto-scaling capabilities.

Security & Reliability

- Ensure infrastructure meets security and compliance standards.

- Participate in threat modeling, vulnerability remediation, and audit readiness.

- Support zero-downtime deployments and high-availability architecture.

Collaboration & Agile Development

- Work closely with developers, product managers, and senior SREs in Agile teams.

- Participate in sprint planning, reviews, and release discussions.

- Document runbooks, SOPs, and technical guides for internal use.

Qualifications

- Bachelor's degree in Computer Science, IT, or related field (2026 graduate).

- Strong foundation in data structures, algorithms, and system design.

- Proficiency in one or more programming languages: Python, Go, Java, or JavaScript.

- Familiarity with Linux systems, cloud platforms (AWS, GCP, Azure), and container technologies.

- Understanding of CI/CD pipelines and DevOps principles.

- Exposure to GenAI platforms (OpenAI, Claude) or interest in AI-driven automation.

Preferred Skills

- Experience with Git, Jenkins, Ansible, Terraform, or similar tools.

- Knowledge of Java-based web applications and troubleshooting in Tomcat/Apache.

- Understanding of networking fundamentals, Containers, DNS, load balancing, and service mesh.

- Passion for automation, observability, and developer experience.

- Strong problem-solving, communication, and collaboration skills.

- Willingness to learn fast and adapt to evolving technologies.