

Simon Philip

Site Reliability Engineer

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SUMMARY

AWS Certified Site Reliability Engineer with 4 years of experience in championing reliability culture and practices, implementing data-driven analytics to improve service levels, and exerting technical influence.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Full Stack Development (upGrad)

SKILLS

AWS • Python • Terraform • CI/CD • Docker • Kubernetes • Datadog

EXPERIENCE

Site Reliability Engineer

Safe Security | 2022 - 2025

- Championed site reliability culture and practices, ensuring high availability and efficient deployments in AWS environments.
- Implemented Disaster Recovery Automation using Jenkins, improving reliability and stability of applications.
- Automated 80% of manual deployment tasks using CI/CD tools, enabling over 100 stack upgrades per sprint.
- Reduced operational time by 95% through Python-scripted, Slack-integrated scripts.
- Migrated code repositories from Bitbucket to GitHub for improved collaboration, using GitLab for continuous integration and delivery.
- Led security patching and vulnerability analysis using CrowdStrike and Wiz, improving security of applications.
- Supported SecOps in applying AWS security best practices across the organization, reducing toil and enhancing performance.
- Maintained 99.99% uptime while driving 20% cost savings through optimization, establishing reasonable service level objectives and error budgets with customers.
- Collaborated with product teams and managed code cherry-picks for releases, acting as the main point of contact during major incidents.

Customer Support Engineer

Safe Security | 2021 - 2022

- Delivered full-stack feature enhancements and customer support for SAFE, a serverless React application hosted on AWS.
- Integrated new features and design changes in the React-based flagship product, improving software applications and technical processes.
- Resolved customer issues efficiently, ensuring smooth user experience and maintaining service level indicators.
- Maintained daily follow-ups for bug tracking and resolution, demonstrating deep knowledge of software applications and technical processes.
- Owned feature delivery for a serverless web application on AWS infrastructure, demonstrating proficiency in container and container orchestration.

PROJECTS

[simonphilip.cloud](#)

Developed a cloud portfolio site using React, Tailwind, AWS S3, CloudFront, Route53, and Terraform, demonstrating deep proficiency in reliability, scalability, and performance.

[AI Resume Generator](#)

Built an AI Resume Generator/enhancer according to a given JD using React, Tailwind, openAI, hosted on AWS S3, showcasing expertise in enterprise system architecture.

EDUCATION

Bachelor of Technology in Computer Science

Lovely Professional University | 2016 - 2020