

SIMON PHILIP

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SUMMARY

Software & DevOps Engineer | AWS Certified Solutions Architect – Associate and Cloud Operations Engineer with 4+ years of experience in building scalable cloud infrastructure, automation, and CI/CD pipelines.

WORK EXPERIENCE

Cloud Operations Engineer II , Safe Security

Jan 2021 - Jan 2025

- Led site reliability engineering practices, ensuring high availability, resilient operations, and efficient deployments across AWS environments.
 - Implemented disaster recovery automation using Jenkins to restore AWS RDS customer data within 35 days, reducing recovery time objective (RTO) to 15 minutes.
 - Automated 80% of manual deployment tasks, enabling over 100+ stack upgrades per sprint and accelerating release velocity.
 - Improved operational efficiency by 95% by integrating custom Python scripts with Slack for automated alerts and workflows.
 - Strengthened application security by leading vulnerability analysis and patching initiatives with CrowdStrike and Wiz, mitigating risks and ensuring compliance.
 - Maintained 99.99% uptime while driving 20% cost savings through infrastructure optimization, and partnered with customers to define service level objectives (SLOs) and error budgets.
 - Engineered CI/CD pipelines for tenant life-cycle automation, ensuring consistent, reliable deployments.
 - Delivered full-stack enhancements and customer support for SAFE application hosted on AWS, improving functionality and user satisfaction.
 - Resolved customer issues proactively, safeguarding service level indicators (SLIs) and ensuring a seamless user experience.
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SKILLS

- **Cloud Platform:** AWS
 - **Devops Tools:** Jenkins, Github Actions, Cloudformation, Docker, Terraform
 - **Monitoring & Logging:** Datadog, Cloudwatch, Observe, CloudTrail
 - **Languages:** Python, Javascript, Groovy, SQL, Bash
 - **Databases:** DynamoDb, MySql, RDS
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CERTIFICATIONS

- AWS Certified Solutions Architect Associate
 - AWS Certified Developer Associate
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EDUCATION

Btech Computer Science
Lovely Professional University

Aug 2016 - Aug 2020