

# S. SAMIULLAH KHAN

AWS DevOps Engineer

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## PROFESSIONAL SUMMARY

AWS DevOps Engineer with 2.8 years of experience in cloud automation, CI/CD pipelines, infrastructure provisioning, and containerization, along with 1.2 years as an Application Support Engineer handling incident management, RCA, and system monitoring. I am skilled in Jenkins, Git/GitHub, Docker, Terraform, Ansible, Maven, and AWS services including EC2, S3, VPC, ELB, IAM, RDS, and CloudWatch. Proven ability to reduce deployment time by 40%, automate manual processes, and improve operational efficiency. Strong collaborator with Development, QA, and L3 teams to support reliable and scalable production environments.

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## PROFESSIONAL EXPERIENCE

### AWS DevOps Engineer

Inspirisys Solutions Limited | Client: Axis Bank | Apr 2023 – Dec 2025

- Built and managed CI/CD pipelines using Jenkins; automated build and deployment processes using Maven and Git/GitHub.
- Automated infrastructure provisioning using Ansible and integrated Docker for containerization with custom image management.
- Implemented Blue-Green deployment strategies using Jenkins and AWS ELB with automated rollback, secure secrets management via AWS Secrets Manager, and cost optimization through Auto Scaling and EC2 right-sizing.
- Deployed and managed AWS services including EC2, S3, RDS, ELB, Auto Scaling, VPC, IAM, CloudWatch, and CloudFront to ensure secure and scalable environments.
- Configured VPC components such as subnets, route tables, NAT gateways, security groups, and ACLs.
- Implemented monitoring and alerting using CloudWatch metrics, dashboards, logs, alarms, and SNS notifications.
- Collaborated with Development and QA teams for faster release cycles.

### Key Achievements:

- Reduced deployment time by 40% through complete CI/CD automation.
  - Improved system reliability to 99.9% uptime using Auto Scaling and CloudWatch.
  - Reduced manual errors by 60% through Ansible automation.
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### Application Support Engineer

Inspirisys Solutions Limited | Client: Axis Bank | March 2022- Dec 2022

- Handled L2 tickets escalated from LI; resolved moderately complex incidents within SLA.
- Performed root cause analysis for recurring issues and recommended permanent fixes.
- Monitored applications, servers, and databases; performed daily health checks and escalated critical alerts.
- Coordinated with L3 teams, developers, and vendors for advanced issue resolution.
- Created SOPs, FAQs, and knowledge base documents to enhance L1 team efficiency.

## Key Achievements:

- Reduced database-related incidents by 25% through proactive monitoring.
- Decreased ticket resolution time by 20% by creating SOPs and documentation.

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## CORE SKILLS

**Cloud:** AWS (EC2, VPC, IAM, S3, RDS, EKS, CloudWatch, SNS, ALB)

**DevOps Tools:** Jenkins, Git, Maven, GitHub

**IaC & Automation:** Terraform, Ansible, ShellScripting, python

**Containers:** Docker, Kubernetes, ECR

**Monitoring:** CloudWatch, Grafana, Prometheus, CloudTrail

**OS & Support:** Linux, SQL, ITSM, JIRA, Incident & Problem Management

**Other:** Release Management, RCA

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## PROJECT EXPERIENCE

**Project:** Axis Bank | **Role:** AWS DevOps Engineer

Environment: Linux, Git, GitHub, Jenkins, Maven, Ansible, Docker, Tomcat, Terraform, SonarQube, AWS (EC2, S3, ELB, Auto Scaling, VPC, RDS, IAM, CloudWatch, CloudFront, SNS)

- Deployed applications on AWS EC2 and ensured high availability using ELB and Auto Scaling.
- Automated provisioning using Terraform and configuration management using Ansible.
- Designed CI/CD pipelines in Jenkins for build, release, and artifact management.
- Built Docker images and supported microservice deployment.
- Deployed and managed microservices on AWS EKS; managed pods, services, and workloads.
- Supported releases across Dev, QA, UAT, and Production environments.

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## EDUCATION

Master of Computer Applications (MCA) | 2018-2020 | CGPA: 8.0

Bachelor of Science in Computer Science (B.Sc.) | 2013-2016 | CGPA: 7.2

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## LANGUAGE KNOWN

- English, Tamil, Hindi and Urdu