

S. SAMIULLAH KHAN

AWS DevOps Engineer | CI/CD | Docker | Terraform | Cloud & Automation

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PROFESSIONAL SUMMARY

AWS DevOps Engineer with 2 years of experience in cloud automation, CI/CD pipeline implementation, and infrastructure optimization, coupled with 1.5 years as an Application Support Engineer handling incident resolution, root cause analysis, and system monitoring. Skilled in Jenkins, Git/GitHub, Ansible, Maven, Docker, and AWS services (EC2, S3, VPC, ELB, Auto Scaling, CloudWatch) to deliver secure, high-performing, and scalable systems. Proven track record of reducing deployment time by 40%, minimizing manual errors by 60%, and improving operational efficiency through SOPs and knowledge base creation. Adept at collaborating with development, QA, and L3 teams to accelerate release cycles and ensure reliable system performance.

PROFESSIONAL EXPERIENCE

Company: Inspirisys Solutions Limited | **Client:** Axis Bank | **Duration:** 2023 – Till Date (2Years)

Designation: AWS DevOps Engineer

Roles & Responsibilities:

- Engineered end-to-end CI/CD pipelines in Jenkins, optimized build packaging with Maven, and administered Git/GitHub repositories for efficient version control and release management.
- Orchestrated infrastructure provisioning with Ansible and delivered containerized solutions using Docker, including building and maintaining custom images.
- Designed, deployed, and managed AWS cloud services (EC2, S3, RDS, ELB, Auto Scaling, VPC, IAM, CloudWatch, CloudFront) to ensure secure, scalable, and high-performing environments.
- Provisioned secure VPC networking with subnets, route tables, NAT gateways, ACLs, and implemented monitoring and alerting frameworks via CloudWatch alarms, metrics, logs, and SNS notifications.
- Collaborated with Development and QA teams to accelerate release cycles, troubleshoot deployment issues, and ensure smooth and reliable application delivery.

Key Achievements:

- Reduced deployment time by 40% through end-to-end CI/CD pipeline automation.
- Achieved 99.9% uptime using Auto Scaling and CloudWatch.
- Cut manual errors by 60% with Ansible- driven automation.

Company: Inspirisys Solutions Limited | **Client:** Axis Bank | **Duration:** March 2022 – August 2023

Designation: Application Support Engineer

Roles & Responsibilities:

- Incident Resolution – Handled tickets escalated from L1, troubleshoot moderately

complex issues, and provided timely resolutions within SLAs.

- **Root Cause Analysis** – Investigated recurring issues, documented findings, and recommended permanent fixes or preventive measures.
- **System Monitoring & Maintenance** – Monitored applications, servers, and databases, performed health checks, and escalated critical alerts when needed.
- **Collaboration & Escalation** – Coordinated with L3 teams, developers, and vendors for advanced troubleshooting and ensured smooth handovers with detailed documentation.
- **Knowledge Base & Documentation** – Created and updated SOPs, FAQs, and known-error databases to empower L1 teams and improve resolution efficiency.

Key Achievements:

- **Reduced database incidents by 25%** through proactive monitoring
- **Cut ticket resolution time by 20%** by creating SOPs and knowledge base articles.

TECHNICAL SKILL:

- **Cloud Technologies:** AWS (EC2, S3, VPC, ELB, IAM, RDS, SNS, CloudWatch, CloudFormation)
- **DevOps Tools & Technologies:** Git, GitHub, Jenkins, Maven, Ansible, Docker, Kubernetes (Basics), Terraform, SonarQube, Prometheus, Splunk
- **Operating Systems:** Linux, Windows

PROJECT:

Project: Axis Bank

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

- **Deployed applications on AWS EC2**, utilizing S3 for storage and ensuring high availability through ELB & Auto Scaling.
- **Automated infrastructure provisioning** with Terraform and streamlined system setup using Ansible.
- **Designed and executed CI/CD pipelines** in Jenkins for efficient build, release, and artifact management with Maven.
- **Built and maintained Docker images**, enabling microservice-based application delivery.
- **Deployed microservices on AWS EKS (Kubernetes)**, managing pods, orchestrating workloads, and configuring services.
- **Worked with Development and QA teams** to ensure smooth releases across **Dev, QA, UAT, and Production** environments.

EDUCATION

Master of Computer Applications (MCA) – 2018-20 | CGPA: 8.0

Bachelor of Science in Computer Science (B.Sc.) – 2013-16 | CGPA: 7.2

Higher Secondary Certificate (HSC), Tamil Nadu Board – 2012-13 | Percentage: 77%

Secondary School Leaving Certificate (SSLC), Tamil Nadu Board – 2010-11 | Percentage: 92%

