

SHUBHAM SAWANT

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DevOps Engineer | Cloud Engineer

PROFESSIONAL EXPERIENCE

- DevSecOps and Cloud Engineer with 8 years of project-driven experience automating, scaling, and securing infrastructure across AWS and Azure environments.
- Expert in Infrastructure as Code (Terraform, AWS CDK, CloudFormation) and building CI/CD pipelines using AWS CodePipeline, GitHub Actions, Azure DevOps, and Jenkins, improving deployment speed by up to 70%.
- Proficient in managing 30+ AWS services (EC2, Lambda, VPC, Step Functions, RDS, Glue, API Gateway, CloudWatch, Security Hub) with a focus on high availability, security, and cost optimization.
- Integrated GenAI-driven Chatbot, Multi-agent workflow automation using AWS Bedrock, Lambda, and SageMaker, LangGraph, Langchain, ECS
- Led multi-account DevOps automation and disaster recovery (DR) strategies, achieving 95% AWS Security Hub compliance and 99.9% deployment reliability.
- Recognized for innovation, mentorship, and delivery excellence, with multiple awards and client appreciations for impactful DevOps transformations.

PROJECTS

Cybersecurity Threat Analysis Platform

[Project Link](#)

- Architected and deployed a multi-account AWS environment for a large-scale threat analysis system using AWS CDK and CodePipeline, cutting provisioning time by 40%.
- Built the complete DevOps strategy from scratch, including tool selection, CI/CD design, and IaC implementation, to support a multi-account AWS Cybersecurity Platform.
- Designed and executed a Disaster Recovery (DR) strategy using a warm standby architecture, ensuring high availability, minimal downtime, and data integrity across environments.
- Integrated GenAI-powered chatbot using AWS Bedrock, Lambda, and API Gateway to enable intelligent incident response and reporting automation.
- Implemented centralized CloudWatch and OpenSearch monitoring, reducing incident detection time by 40% and enhancing observability.

Identity Management System (SailPoint)

[Project Link](#)

- Automated three-tier SailPoint deployment using Terraform and GitHub Actions, reducing manual configuration effort by 50%.
- Designed Built the complete a custom auto-scaling solution for EC2 task servers to optimize workloads, cutting compute costs by 35%.
- Enhanced deployment reliability by introducing versioned Terraform modules and automated rollback mechanisms.
- Implemented CI/CD workflows for SailPoint code delivery, improving deployment frequency by 45% with zero-downtime rollouts.

Data Marketplace

[Project Link](#)

- Built the complete DevOps strategy for IaC implementation, Designed unified CI/CD pipeline using Azure DevOps,AWS Pipeline for reducing microservice deployment time by 60%.
- Automated provisioning of AWS infrastructure using CloudFormation including ECS, Lambda, Glue, and Bedrock, accelerating environment setup by 40%.
- Implemented RAG-based chatbot automation using AWS Bedrock, Step Functions, and SageMaker, improving analytics turnaround by 30%.
- Integrated Dockerized multi-agent orchestration (LangGraph + LibreChat) with ECR, ECS, and Lambda, enabling containerized AI workflows for application.

NewsCorp

- Managed AWS remediation for 4,600+ resources to align with new SCP compliance policies across multiple account
- Migrated 368 Bamboo pipelines to GitHub Actions, reducing pipeline maintenance complexity by 55%.
- Automated Elastic IP allocation for Auto Scaling Groups, eliminating manual intervention and improving uptime.
- Collaborated with cross-functional teams to standardize CI/CD templates and accelerate deployment velocity.

PROFESSIONAL EXPERIENCE

PricewaterhouseCoopers (PWC)

Senior Associate (AWS-DevOps)

Pune, India | Dec 2022 - Present

Pentagon Systems and Services

Technical Engineer (DevOps)

Mumbai, India | feb 2020 - Nov 2022

Rahi Systems

Technical Support Engineer (Sysadmin)

Pune, India | Aug 2017 - Nov 2019

EDUCATION

Master of Computer Applications (MCA)

Institute of Management and Career Courses

Maharashtra, India | 2016 – 2019

Bachelor of Computer Applications (BCA)

MES Garware College of Commerce

Maharashtra, India | 2013 – 2016

TECHNICAL SKILLS

Cloud Platforms: AWS, Azure

Scripting: Bash, Python

Operating Systems: Windows, Linux, Ubuntu

Infrastructure as Code & Configuration Management AWS CDK, Terraform, CloudFormation, Ansible

Source Code Management: Git, GitHub, Azure Repos

CI/CD Tools: GitHub Actions, Jenkins, Bamboo, Azure Pipelines, AWS CodePipeline

Containerization: Docker, Kubernetes, ECS, Helm, kustomize

Monitoring & Logging: CloudWatch, EFK, Quicksight

Security: IAM, KMS, Security Hub, Trivy,

Networking: VPC, Subnets, NAT Gateway, Route 53, security groups, load balancer

Databases & Cache : MySQL, RDS, DynamoDB, NoSQL, Redshift, Open search, Elasticache

Artifact Management: S3, Nexus, ECR, Docker Hub

Code Quality: SonarQube

Ticketing Tools & Collaboration Jira, Zoho Desk, Slack, Microsoft Teams.

CERTIFICATIONS

GitHub Actions Certified

GitOps Fundamentals by Codefresh

HashiCorp Certified Terraform Associate

AWS Certified AI Practitioner

AWS Certified Solutions Architect – Associate

AWS Certified DevOps Engineer – Professional

WHITE PAPERS

Optimizing RAG Framework with Automated Index Deployment

Automating Scalability & Cost Optimization for Sail Point Applications on AWS

AWS CDK Custom construct and Deployed automated Optimizing RAG Framework with Automated Index Deployment

ACHIEVEMENTS

Ranked 2nd DevOps Architect in kodecloud engineer platform

Twice Awarded "STAR&R" for exceptional performance and leadership in DevOps automation and delivery excellence at PwC

Received 2 Client Appreciation for leading complex DevSecOps and cloud automation projects, delivering high-impact business outcomes.

Trained and mentored over 23+ junior engineers guiding them to become billable project contributors and strengthening overall team capability in cloud and DevOps practices.