

RAMESH SHEDABAL – DEVOPS ENGINEER

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2.7+ years of experience as a DevOps Engineer with a proven track record in driving innovation through robust application deployment, AI, secure architecture, and efficient. Proficient in applying advanced technologies to enhance security, streamline operations, and achieve business objectives. Expertise in maintaining pipeline, skilled in cloud platform, AWS Services, and Security Standards. Adept at managing cross-functional teams and collaborating with stakeholders to deliver impactful solutions. Dedicated to continuous improvement and knowledge sharing to elevate team performance and application integrity.

KEY MANAGERIAL SKILLS

Application deployment | Backend Engineering Deployment | Automation | Appropriate tool deployment | Containerization | Application Security | Iaac Architecture | Programming | Configuration | Agile Project Management | AI | Security Review | Cloud Computing Knowledge | Web Application Security | Vulnerability Assessment | Security Standards Framework & Configuration Management

TOOLS & TECHNOLOGIES

Scripting Language: Linux, Python | **Database Management System:** MySQL, PL-SQL, SQL, AWS Dynamo DB | **Container Platform:** Docker | **Architecture:** Batch Processing (Jobs), Monolith, Microservices, Serverless | AI **Version Control:** Git, GitHub | **Platform:** AWS Cloud, Azure, GCP cloud, Serverless

PROFESSIONAL EXPERIENCE

DevOps Engineer | Capgemini Service Technology Bengaluru, India | Jan '22 – Present

Application Deployment, Software Project Management

- Deploying and maintaining **security application** for the Banking industry to make ease for loan banking procurement.
 - Deployed **Linux (EC2)** and visualization in AWS Open search
- Reduced the processing time from **24 hours** to **12 hours** by **50%** by increasing the **stability** and speed of **data pipelines**.
- Utilizing **Linux and AWS Code Build, AWS Code Deploy, AWS Code Pipeline, AWS Code Star, AWS Device Farm** for software development and operations. Ensuring applications are **scalable, secure**, and performant while in pipeline.
- Facilitating **knowledge-sharing sessions** with employees to impact **training** on optimizing the usage of security tools and architecture like Linux, **Serverless, Cloud**, and **DevOps**.
- Troubleshooting and **automating failures** using **Ansible**.

Security Solutions and Integration, Architecture Design, Tools Configuration

- Enabling **secured network** by implementing incident response procedures like APIs authentication, AWS KMS and Secrets Manager in AWS to make secured network.
- Deploying, configuring, and **implementing security solutions** while adhering to the best practices.
- Configuring, deploying, and integrating security tools like **GitHub** actions.
- Designing **secure batch processing architectures** that align with industry standards and organizational requirements.
- Customizing **security tools** to meet specific organizational needs such as rule creation, policy definition and configuration adjustment.

Application Delivery/ Solutions, Technical Support, Configuration & Management

- Rendering technical guidance for **application delivery solutions** like Continuous Integration/ Continuous Deployment (CI/CD) pipelines.
- Deploying **GitHub** and Prefect scheduling, **release management tools** and deployment automation frameworks using **Jenkins, Docker, Kubernetes, AWS EMR, Terraform**, and **AWS Code Antifactory**

Client/ Stakeholder Management, Assessments, Software Testing & Validation

- **Collaborating** with USA-based IT teams, operations teams, and management while reporting to the Team Lead to ensure effective implementation and maintenance of security measures.
- **Conveying security-related issues**, risks, and recommendations to stakeholders including Business Analysts and testing Teams, and Client facing Analyst.
- Performing security audits, **vulnerability assessments**, and **penetration testing** to identify weaknesses and suggest improvements.
- Performing **testing and validation** of security tools and architectures to ensure the delivery of desired security outcomes.
- Coordinating with the security team and other **stakeholders** to design secure system architectures that align with industry standards and organizational requirements for **American** clients.

Strategy Formulation & Implementation, Productivity Improvement & Report Generation

- Maintaining **accurate documentation** of security tool configurations, integrations, and procedures.
- Creating **regular reports** on security tool performance, incidents, and recommendations.
- Ideated **strategies** to **strengthen operations**, optimize waste by improving code coverage by **30%**, and **boost productivity**.
- Developing and maintaining **reporting mechanisms** to track key performance indicators (KPIs); saved data processing time from **24 hours to 12 hours** and attained **50% cost savings**.
- Implementing **Serverless and DynamoDB** with APIs Cals using **AWS Lambda** and API Gateway instead of **EC2** and Database cluster
- Demonstrating **presentations** to the management and key stakeholders to communicate progress, trends, and insights.

KEY PROJECTS EXECUTED

1. **Project:** A Real-time AWS Pipeline on AWS Cloud Platform [Banking application] | **Duration:** Jan '23 – **Present**

Key Achievement: Successfully executed end-to-end project related to integration and system design to manage Database, Server and orchestration using Docker, Docker Compose, Ansible, and Linux and to streamline DevOps process by improving Time to Market by 30%.

2. **Project:** E-commerce Platform Enhancement | **Duration:** Jan '22 – Dec '22

Key Achievement: Efficiently deployed a feedback platform for users by E-com to record Customers feedback using terraform with MySQL database which is used by over 10 Thousand+ Customers on a weekly basis.

EDUCATION

- **B.E – Mechanical Engineering** | Visvesvaraya Technological University, Belagavi, Karnataka | 2018
- **PB PU – Pre-University higher secondary education college** | KEA, Jamkhandi, Karnataka | 2014