

Ram Simran Garimella

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SUMMARY

Results-driven DevOps Engineer with 7+ years transforming infrastructure for Fortune 500 financial institutions and government agencies. Technical expert across AWS/Azure/GCP who has slashed deployment times by 40-60% through containerization and infrastructure automation. Distinguished by ability to navigate regulated environments while mentoring engineering teams and establishing technical excellence in mission-critical financial systems.

EXPERIENCE

Epam Systems

Oct 2023 – Present

Senior Systems Engineer

Hyderabad

- Designed and built enterprise infrastructure using Terraform and AWS CloudFormation for a Fortune 500 financial conglomerate's Global Compliance Reporting team. Created and managed secure custom Amazon EC2 images with Packer.
- Built reusable Jenkins shared libraries that standardized CI/CD processes across teams, with integrated automated testing and security checks.
- **Cut deployment time by 40%** by migrating Jenkins pipelines to GitHub Actions and AWS CodeBuild/CodeDeploy, improving reliability for taxation and accounting systems.
- Developed optimized Docker base images for Client's credit division that increased consistency, enhanced security, and **reduced build times from 60 minutes to 35 minutes** for all development teams.
- Implemented container solutions for multiple languages (Java, .NET, Python, Golang) using efficient multi-stage Docker builds, with integrated Sonar and Twistlock security scanning.
- Set up comprehensive artifact management with Artifactory and Nexus repositories to ensure proper versioning and compliance throughout development environments.
- Created **Automated Disaster Recovery and Rollback Systems** for both Kubernetes workloads and traditional infrastructure, minimizing potential downtime.
- Built error monitoring systems using Fluentd to capture application logs and integrated with FireHydrant and PagerDuty for automated incident response.
- Drove technical initiatives across multiple client projects as both individual contributor and team leader, while participating in technical hiring and mentoring junior engineers.
- Documented all infrastructure processes and automation workflows in the company's internal Confluence pages to establish a reliable knowledge base.

Tata Consultancy Services

Jun 2021 – Oct 2023

Systems Engineer

Bengaluru

- **Led and mentored a DevOps team of 10+ engineers for Fortune 500 clients**, implementing AWS, Azure, and GCP cloud solutions that reduced infrastructure costs and improved system reliability.
- Orchestrated data center to cloud migration using infrastructure as code (Terraform, AWS CDK), containerization (Docker, Kubernetes), and comprehensive system documentation, ensuring smooth transitions for both banking and government applications.
- Established automated CI/CD pipelines with integrated artifact management for a Fortune 50 multinational financial services company, reducing deployment time and **improving application performance by 60%**.
- Transformed monolithic applications into microservices architecture through container orchestration for a United States state-level IT Department, enhancing scalability and streamlining the SDLC process across government services.
- **Received "On-The-Spot" awards for designing cost-effective cloud architectures** and implementing security best practices across development environments, meeting strict compliance requirements for both financial and government sectors.
- Maintained detailed process documentation for all DevOps implementations, including cloud migrations in internal Confluence repositories for future reference and team onboarding.

Financial Technology Startups

Jun 2018 – May 2021

Software Development & DevOps Engineering

Hyderabad, Bengaluru

- **Built entire business applications, systems and infrastructure from scratch** at three early-stage startups - Neokred, Payzello, Infinitum Network
- Built mobile applications using React Native, adding standard security features for financial data protection.
- Learned to create serverless applications using AWS Elastic Beanstalk and NoSQL databases for financial products.
- **Grew from individual contributor to leading small development teams**, providing peer code reviews and technical guidance.
- Partnered with financial institutions to develop API integrations and learned about regulatory requirements in fintech.
- Created a starter documentation system for development practices, helping new team members onboard faster.

EDUCATION

Birla Institute of Technology And Science

December 2024

Master of Technology, Software Systems Specialization in Machine Learning Systems

Pilani

Jawaharlal Nehru Technological University

May 2018

Bachelor of Technology, Information Technology

Hyderabad

EXPERTISE

- **Cloud Platforms:** AWS, Azure, GCP
- **DevOps Engineering**
 - CI/CD Pipelines: Jenkins, GitHub Actions, AWS CodeBuild/CodeDeploy, Azure DevOps.
 - Infrastructure as Code: Terraform, Azure Bicep.
 - Containerization: Docker, Kubernetes, Helm.
 - Configuration Management: Packer.
 - Monitoring, Alerting & Observability: FireHydrant, Fluentd, ChaosSearch, DataDog.
 - Scripting: Python, Golang, The Serverless Framework.
- **Security & Compliance**
 - Security Scanning: Twistlock, Blackdog, Veracode.
 - Artifact Management: Artifactory, Nexus Repository, Container Registry Management.
 - Compliance Frameworks: Financial Services, Government IT Standards.
- **Process & Methodologies**
 - Disaster Recovery: RTO/RPO Planning, Automated Recovery Workflows.
 - System Documentation: Architecture Design, Process Documentation.