

# Ram Simran Garimella

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## SUMMARY

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Results-driven DevOps Engineer with 6+ 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

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### 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

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**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

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- **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, Container Registry Management
  - Configuration Management: Packer, Ansible
  - Monitoring & Observability: FireHydrant, Fluentd, Prometheus
- **Development and Integration**
  - Frontend: React, React Native, JavaScript
  - Backend: Python, Golang, Java, .NET, The Serverless Framework
  - Source Code Management : Github, Gitlab
- **Security & Compliance**
  - Security Scanning: Twistlock, Blackdog, Veracode
  - Artifact Management: Artifactory, Nexus Repository
  - Compliance Frameworks: Financial Services, Government IT Standards
- **Process & Methodologies**
  - Disaster Recovery: RTO/RPO Planning, Automated Recovery Workflows
  - System Documentation: Architecture Design, Process Documentation