

# Rajesh Galipelli

AWS DevOps Engineer

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## PROFESSIONAL SUMMARY

**AWS DevOps Engineer with 3 years of experience** in designing and managing scalable cloud infrastructure using AWS (EC2, S3, VPC, RDS). Proficient in CI/CD automation with Jenkins, Git, Docker, and Terraform. Experienced in Kubernetes for container orchestration and skilled in monitoring with Prometheus and Grafana. Strong team collaborator focused on reliability, automation, and DevOps best practices.

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## PROFESSIONAL EXPERIENCE

### Junior DevOps Engineer

*Atos Syntel, Chennai*

*May 2022 – June 2023*

#### Roles & Responsibilities:

- Deployed **Java monolithic application** on AWS EC2 **Tomcat** servers via **Jenkins** CI/CD integrated with **GitHub**.
- Built and optimized CI/CD pipelines with **Maven**, **SonarQube**, **Nexus**, and automated **Tomcat** deployments.
- Managed Git/GitHub source code with effective **branching strategies** for streamlined workflows.
- Monitored Jenkins pipelines and AWS application uptime, resolving **deployment** issues to improve release quality.

### DevOps Engineer

*EdgeRock Software Solutions Pvt Ltd, Hyderabad*

*September 2023 – Present*

#### Roles & Responsibilities:

- Designed and implemented CI/CD pipelines using **Jenkins** integrated with **Git** and **Maven**, reducing release times by 30%.
- Built scalable and consistent **AWS** infrastructure using **Terraform**, enabling automated and repeatable provisioning.
- Containerized applications with **Docker**, streamlining deployments and improving environment consistency.

- Deployed and managed containerized applications in **Kubernetes** with autoscaling, replica sets, and load balancing.
  - Configured **Prometheus** and **Grafana** dashboards for system health monitoring, reducing incident response time by 40%.
  - Applied **Git branching strategies** for effective collaboration and version control.
  - Executed **blue-green and canary deployment strategies** in Kubernetes to enable zero-downtime rollouts.
  - Integrated **security scanning** into Jenkins CI/CD pipelines and optimized Kubernetes resources to reduce costs while ensuring high performance.
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## TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, IAM, SNS, ASG, ELB, VPC)
  - **Containerization:** Docker, Kubernetes
  - **Infrastructure as Code:** Terraform
  - **CI/CD Tools:** Jenkins, AWS Code Pipeline
  - **Version Control:** Git, GitHub
  - **Build Tools:** Maven
  - **Configuration Management:** Ansible
  - **Monitoring Tools:** Prometheus, Grafana
  - **Operating Systems:** Linux, Windows
  - **Databases:** AWS RDS (MySQL)
  - **Scripting:** Bash
  - **Security Tools:** SonarQube, Trivy, OWASP
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## EDUCATION

### **Bachelor of Technology (B-Tech) – Electrical and Electronics Engineering**

*Sree Chaitanya College of Engineering (2018 – 2021)*

### **Diploma – Electrical and Electronics Engineering**

*Jyothishmathi Institute of Technology and Science (2015 – 2018)*

### **SSC**

*Abhinava Vidya Sadan High School (2014 – 2015)*

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## CERTIFICATIONS

- **Microsoft Certified:** Azure Fundamentals (AZ-900).