

# Vijaykumar Moddu

DevOps and Cloud Engineer  
[www.linkedin.com/in/vijaykumar-moddu](http://www.linkedin.com/in/vijaykumar-moddu)

✉ [vijaykumarmoddu8919@gmail.com](mailto:vijaykumarmoddu8919@gmail.com)  
☎ +91 8919007086

Dedicated and results-driven DevOps professional with 3 years of hands-on experience in optimizing and streamlining IT operations. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure to contribute to a dynamic team.

## Technical Skills

Cloud Technologies	AWS (EC2, IAM, VPC, S3, Lambda)
OS & Monitoring Tools	Linux/Unix, Windows, Grafana, Control-M
Container Technologies	Docker, Kubernetes
Scripting	Shell and Java
Version Control System	Git, GitHub and Gitlab
Database	Oracle DBA, PostgreSQL
Infrastructure as Code	Terraform, Ansible
CI/CD	Jenkins

## Professional Summary

### TATA Consultancy Services, Chennai — *DevOps Engineer & Cloud Engineer*

Feb 2023 - PRESENT

- Successfully added Kubernetes clusters as runners to GitLab, enhancing scalability and build performance.
- Received commendation for resolving critical AWS VPC issues, resolving peering problems for a development team.
- Managed and maintained Kubernetes clusters, ensuring high availability and scalability for containerized applications. Implemented rolling updates and automatic scaling to accommodate increased workloads during peak usage periods.

- 
- Conducted resource allocation and utilization analysis, leading to the optimization of container resource limits and requests. This resulted in a 15% reduction in infrastructure costs while maintaining optimal application performance.
  - Streamlined the CI/CD pipeline for Java-based applications using Maven, resulting in a 20% reduction in build and deployment times.
  - Developed a custom java script to automate routine system backups, enhancing disaster recovery capabilities.
  - Implemented proactive monitoring and alerting using Prometheus and Grafana, reducing system downtime by 15%.
  - Introduced version control best practices with Git, improving code collaboration and traceability.
  - Provisioning AWS cloud infrastructure using Terraform and configuring them using Ansible.
  - Experience setting multi region and multi cloud terraform projects and well versed using terraform workspaces.
  - Led knowledge-sharing sessions on CI/CD and automation, empowering team members to take ownership of their workflows.
  - Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
  - Demonstrated excellent problem-solving skills by automating routine server maintenance tasks, freeing up valuable team resources for strategic projects.
  - Infrastructure Patch management for all Unix servers using Ansible.
  - Written the Ansible YAML scripts to configure the remote servers.

### **TCS, Chennai — *Linux & Database System Engineer***

Feb 2022 - Feb 2023

- Managed and maintained Linux (Red Hat, Ubuntu) and Unix servers, ensuring high availability and performance.
- Installed, configured, and maintained Oracle databases (11g, 12c, 19c) and PostgreSQL databases across multiple environments.
- Implemented and maintained Data Guard for Oracle databases to ensure disaster recovery and high availability.
- Conducted database tuning (query optimization, indexing, and performance monitoring) for both Oracle and PostgreSQL to improve query performance and reduce resource utilization.
- Provided production support for database issues, including root cause analysis, and implemented corrective actions.
- Developed PostgreSQL scripts and PostgreSQL functions for data migration, manipulation, and reporting tasks.
- Collaborated with development teams to deploy applications in a Linux environment.
- Conducted regular system backups and recovery procedures using RMAN.
- Administered Oracle databases (11g, 12c, 19c), including installation, configuration, and upgrades.
- Optimized database performance through query tuning and indexing strategies.
- Developed and maintained PostgreSQL scripts for data manipulation and reporting.
- Implemented Data Guard for disaster recovery and high availability solutions.
- Provided support for database-related issues and performed root cause analysis.

---

## EDUCATION

**Gokul Krishna College of Engineering, Sullurupeta— *B. Tech***

June 2017 - August 2021

Mechanical Engineering

## Certifications

- **AWS Certified DevOps Engineer – Professional**
- **Google Cloud Certified – Professional Cloud Engineer**

## Personal Details

- **Name:** Vijaykumar Moddu
- **Date of Birth:** April 2000
- **Gender:** Male
- **Nationality:** Indian

## Additional Information

- Strong analytical and problem-solving skills.
- Excellent communication and teamwork abilities.
- Willingness to learn new technologies and adapt to changing environments