

VANKINI RAMA KRISHNA _ AWS DevOps Engineer

Email: ramakrishnavankini23@gmail.com

Phone: +91 9666397532

Professional Summary:

Motivated and detail-oriented AWS Cloud enthusiast with hands-on experience in real-world cloud projects. Proficient in deploying and managing cloud infrastructure using AWS, Terraform, and Linux. Basic understanding of DevOps practices with a solid foundation in cloud-native tools. Eager to contribute to innovative cloud-based solutions.

TECHNICAL SKILLS

Cloud Platform	AWS (EC2, S3, IAM, VPC, RDS, Lambda, CloudWatch, Route 53, ALB, ASG, Secrets Manager)
Infrastructure as Code (IaC)	Terraform, OpenTofu
Programming & Scripting	Python, Shell (Bash), JavaScript (Node.js)
Operating Systems	Linux (Ubuntu, Amazon Linux, RHEL), Windows
DevOps & Monitoring Tools	Git, GitHub, AWS CLI, Jenkins (Basics), PM2, Grafana, Prometheus
Networking Concepts	Subnets, Route Tables, NAT Gateway, Internet Gateway, Security Groups
Database Tools	MySQL (via RDS), MySQL Workbench
Development Tools	Visual Studio Code, PyCharm, MobaXterm
Soft Skills	Communication, Team Collaboration, Problem Solving, Adaptability

Projects

AWS Cloud Project – Web Application Deployment

- Deployed a full-stack web application on AWS using EC2 instances within a custom VPC
- Configured Apache for frontend and Node.js with PM2 for backend services
- Integrated backend with AWS RDS MySQL database
- Managed application deployment using GitHub repositories
- Configured Route 53 private hosted zone and DNS routing
- Created AMIs and practiced deployment automation concepts

ACADEMIC PROJECTS

B. Tech Final Project – Vizag Steel Plant

Project Title: CNC Gas Cutting Machine

- Worked on automation systems in heavy manufacturing
- Studied real-time CNC gas cutting techniques and optimization processes

Diploma Final Semester Training – CDST IT Solutions, Vijayawada

- Completed industrial training focusing on basic IT systems
- Observed workplace IT practices, communication tools, and documentation processes

Educational details:

- B. Tech (Mechanical) | Sree Vahini Institute of Science & Technology | JNTU Kakinada | 2024
- Diploma | Vikas Polytechnic College | SBTET | 2019
- SSC | St. Theresa's EM High School | 2016