

# PREETHI RANGARAJ

## Site Reliability Engineer (SRE) | DevOps Engineer

preethiranga35@gmail.com 9786641755 Chennai, India

### PROFESSIONAL SUMMARY

Site Reliability Engineer with 9+ years of experience in Linux administration, production support, and DevOps practices. Strong expertise in managing 24/7 environments, incident handling, monitoring, automation, and infrastructure reliability. Experienced in CI/CD implementation, containerization, Infrastructure as Code, and cloud deployments with focus on high availability and performance optimization.

### SKILLS

Operating Systems: Linux

Cloud Platform: AWS

CI/CD & Automation: Jenkins, Ansible

Infrastructure as Code: Terraform

Containerization: Docker

Monitoring & Reliability: Prometheus, Grafana, Nagios, AppDynamics

Networking & Load Balancing: F5 BIG-IP

Scripting: Bash

IT Service Management: ITIL

### EXPERIENCE

#### Senior Software Analyst | Jun 2022 - Apr 2025

Radial Omnichannel Technologies

- Managed 24/7 production environments ensuring 99.9% availability and SLA compliance
- Handled P1/P2 incidents, performed RCA, and improved MTTR
- Built and maintained CI/CD pipelines using Jenkins
- Provisioned AWS infrastructure using Terraform
- Containerized applications using Docker
- Implemented monitoring using Prometheus and Grafana
- Automated operational tasks using Bash and Ansible

#### IT Analyst | Jun 2019 - May 2022

Tata Consultancy Services

- Supported business-critical Linux production systems.
- Performed server patching, configuration, and performance tuning.
- Handled L2 incidents and resolved CPU, memory, and disk issues.
- Followed ITIL processes for incident, problem, and change management.

#### System Administrator | Jan 2016 – May 2019

Wipro Limited

- Installed and configured Linux servers.
- Managed users, filesystems, permissions, and patching.
- Provided L1/L2 production support and backup assistance

## PROJECTS

### Brain Task – CI/CD Pipeline using AWS CodePipeline & CodeDeploy

2026-01-18 - 2026-02-12

#### AWS CI/CD Automation

Implemented an end-to-end AWS CI/CD pipeline to automate application builds and EC2 deployments, enabling reliable, low-downtime releases with improved deployment stability.

- Pipeline Orchestration: AWS CodePipeline
- Build Automation: AWS CodeBuild
- Deployment Strategy: AWS CodeDeploy (EC2)
- Source Integration: Git-based trigger mechanism
- Monitoring & Debugging: Build logs and failure analysis

### Terraform Project (with Jenkins integration)

2026-01-18 - 2026-02-12

#### AWS Infrastructure Provisioning using Terraform

Provisioned scalable AWS infrastructure using Terraform and automated infrastructure deployment through Jenkins CI/CD pipelines to ensure consistent and repeatable environment setup.

- CI/CD Integration: Jenkins-triggered Terraform deployments
- Compute & Networking: EC2, VPC, Subnets, Security Groups
- Access Management: IAM roles and policies
- Reusability: Terraform modules
- State Management: Remote state configuration
- Environment Isolation: Workspaces for multi-env setup

### Shopping Site – Dockerized Application Deployment & Monitoring

2026-01-18 - 2026-02-12

#### Shopping Site Project (with Jenkins + Docker)

Built and deployed a containerized shopping application using Jenkins CI/CD for automated builds and Docker-based deployments, ensuring reliable releases and monitored performance.

- CI/CD Automation: Jenkins build and deployment pipeline
- Containerization: Docker image build and packaging
- Service Orchestration: Docker Compose networking
- Monitoring Stack: Prometheus & Grafana integration
- Issue Resolution: Crash recovery & performance debugging

## EDUCATION

### MCA

M. Kumarasamy College of Engineering

*Computer Applications*

2015

Karur

### B.Sc. (Computer Science)

Sree Saraswathi Thiyagaraja College

*Computer Science*

2013

Pollachi

## CERTIFICATIONS

DevOps Program (3 Months) – GUVI Geek Networks | Feb 2026