Preethi Rangaraj

Site Reliability Engineer (SRE) | DevOps Engineer

preethiranga35@gmail.com   9786641755   Chennai

LinkedIn   GitHub   Portfolio

Work Experience

Senior Software Analyst

RADIAL OMNICHANNEL TECHNOLOGY

JUN 2022 – APR 2025
Chennai

- Site Reliability Engineer with strong Linux and production support experience. Managed 24/7 environments, handled incident management, monitoring, and troubleshooting to ensure high availability. Built CI/CD pipelines using Jenkins, containerized applications with Docker, and implemented Prometheus and Grafana monitoring. Automated tasks using Bash and Ansible, and provisioned infrastructure using Terraform. Experienced in load balancer operations, deployments, and improving system reliability and performance.

IT Analyst

Tata Consultancy Services

Jun 2019 - May 2022
Chennai

- Linux Administrator with monitoring and incident management experience supporting business-critical production systems. Managed server configuration, patching, and performance tuning to ensure high availability. Monitored applications and infrastructure, handled L2 incidents, performed log analysis, and resolved CPU, memory, and disk issues. Followed ITIL processes for incident, problem, and change management while coordinating with application teams to reduce downtime and improve SLA compliance.

System Administrator

Wipro Limited

Jan 2016 - May 2019
Chennai

- Linux System Administrator responsible for day-to-day server operations and maintenance. Installed, configured, and supported Linux systems, managed users, filesystems, and permissions, and performed patching and upgrades. Monitored system health, troubleshot basic infrastructure issues, and ensured service availability. Assisted in backups, restores, and routine maintenance while providing L1/L2 support for stable production environments.

Projects

Skills

DevOps & Cloud: Linux, AWS, Jenkins, Docker, Terraform, Ansible

Monitoring & Reliability: Prometheus, Grafana, Nagios, Bash, F5 BIG-IP, ITIL

Awards

- Star Performer Award – Recognized for consistent performance and production support excellence at Wipro

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

2026-01-18 - 2026-02-10

Designed and implemented an end-to-end CI/CD pipeline using AWS CodePipeline, CodeBuild, and CodeDeploy. Automated build, test, and deployment workflows for application releases on EC2 instances. Integrated Git-based source control and enabled zero/low-downtime deployments. Monitored application health, troubleshot deployment failures, and ensured reliable and repeatable releases.

Brain Task – AWS CI/CD

Pipeline Setup → CodePipeline, CodeBuild, CodeDeploy automation
Auto Deployments → EC2 zero-downtime releases
Monitoring → Build logs and failure debugging
Git Integration → Auto trigger on code push

AWS Infrastructure Provisioning using Terraform

2026-01-18 - 2026-02-10

Provisioned cloud infrastructure on AWS using Terraform including EC2, VPC, subnets, security groups, and IAM roles. Used modules, remote state, and workspaces for environment separation. Automated infrastructure creation and teardown to ensure consistent and reusable deployments following Infrastructure as Code best practices.

Terraform Infra

Infrastructure as Code → EC2, VPC, SG provisioning
Modules → Reusable Terraform configurations
Remote State → Environment separation
Automation → Consistent infra deployment

Shopping Site – Dockerized Application Deployment & Monitoring

2026-01-18 - 2026-02-10

Deployed a containerized shopping site application using Docker and Docker Compose on Linux servers. Managed multi-service architecture including web and backend components. Configured monitoring using Prometheus and Grafana, implemented health checks, and troubleshot runtime issues to improve availability and performance.

Shopping Site Deployment

Dockerization → Containerized multi-service app
Compose → Service orchestration and networking
Monitoring → Prometheus and Grafana setup
Troubleshooting → Crash and performance fixes

Education

M. Kumarasamy College of Engineering

MCA Computer Applications
2015
Karur

Sree Saraswathi Thiyagaraja College

B.Sc. (Computer Science) Computer Science

2013

Pollachi