

Prasad Pandagale

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SUMMARY

Aspiring Java and Cloud Engineer with hands-on experience in Docker, Kubernetes, Terraform, and CI/CD pipelines. Skilled in deploying containerized microservices and automating AWS infrastructure using infrastructure-as-code. Strong understanding of Java fundamentals, OOP, REST APIs, and application deployment workflows.

EDUCATION

B.E, Information Technology , Pravara Rural College of Engineering, Loni, B.E CGPA: 8.94	2021- 2025
HSC, Science , Rao Bahadur Narayanrao Borawake College Shirampur, Percentage: 90.33%	2019 - 2021
SSC , Shri Laxmi Narayan Vidyalaya Wakadi, Percentage: 84.20%	2019

PROJECTS

Terraform-based AWS Infrastructure Automation

- Provisioned AWS resources such as VPC, Subnets, Route Tables, Internet Gateway, EC2, and Security Groups using Terraform.
- Automated deployment of an Apache/Nginx web server using Terraform provisioning.
- Managed Terraform state files to maintain consistency of cloud resources
- Implemented infrastructure-as-code practices to make the setup repeatable and version-controlled
- Reduced manual configuration time by fully automating network and compute resource creation

Kubernetes Deployment for Microservices

- Containerized application components using Docker and created optimized images.
- Deployed microservices on a Kubernetes cluster using Deployment and Service YAMLS.
- Improved application reliability through load balancing across multiple pods

CI/CD Pipeline for Automated Application Deployment

- Set up a Jenkins CI/CD pipeline integrated with a GitHub repository.
- Configured pipeline stages for Build → Test → Docker Image Build → Push to Docker Hub → Deploy.
- Achieved faster and consistent deployments using full CI/CD automation.

SKILLS

Technical Skills: Java, MySQL, DBMS, AWS.

Software Tools: Docker, Kubernetes, Terraform, Jenkins.

Core Competencies: Java Programming, Cloud Computing (AWS Basics), Docker & Containerization

Soft Skills: Communication, Leadership, Problem Solving, Team Collaboration

CERTIFICATIONS

NPTEL Certification in Java – IIT Madras

- Achieved an 78% score in the NPTEL Java exam conducted by IIT Madras.

NPTEL Certification in DBMS - IIT Kharagpur

- Achieved an 71% score in the NPTEL exam.

ACHIEVEMENTS

- Best Entrepreneur Award, organized by Pravara Rural Education Society in 2024 - 2025.
- Won 1st place in college - level KABADDI tournament and led the team as captain.
- Part of Aadarsh Foundation where our team do social work.