

## PRAVIN DESHMUKH

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### Devops Engineer

DevOps Engineer with hands-on experience in designing and implementing cloud-native solutions on AWS. Proven ability to automate infrastructure provisioning, containerize applications, and engineer CI/CD pipelines that significantly reduce deployment time and manual effort. Strong practitioner of Infrastructure as Code and container orchestration principles.

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### Technical Skills

Cloud & Infrastructure: AWS (EC2, S3, IAM, VPC, RDS, CloudWatch, ELB)  
Containerization: Docker, Docker Compose, Kubernetes (Pods, Deployments, Services, Ingress)  
CI/CD & Automation: Jenkins, GitHub Actions, Ansible, Shell Scripting  
Infrastructure as Code: Terraform (Advanced), AWS CloudFormation  
Monitoring & Logging: AWS CloudWatch, Prometheus, Grafana  
Scripting & Languages: Bash, Python, YAML, JSON

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### Certifications

- AWS Certified Solutions Architect – Associate (SAA-C03) – Amazon Web Services
  - AWS Certified Cloud Practitioner – Amazon Web Services
  - AWS Educate Introduction to Generative AI – Amazon Web Services
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### Professional Experience

DevOps Engineer Intern | Litecode Software Solutions Pvt. Ltd., Pune (May 2025 – Oct. 2025)

- Designed and implemented Jenkins CI/CD pipelines for 8+ microservices, reducing manual deployment efforts by 70% and enabling 20+ daily production deployments
  - Containerized 12 application services using Docker with multi-stage builds, reducing image size by 40% and improving security
  - Orchestrated Kubernetes deployments managing 30+ pods across 3 environments, implementing health checks, resource quotas, and auto-scaling policies
  - Developed Terraform modules provisioning 15+ AWS resources, reducing infrastructure setup time from 4 hours to 15 minutes for development teams
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### Projects

End-to-End CI/CD Pipeline for Full-Stack Application - (AWS, Docker, Kubernetes, Jenkins, Terraform)

- Built a complete DevOps pipeline for a containerized application, from code commit to production deployment.
  - Automated infrastructure provisioning with Terraform and configured Kubernetes clusters for container orchestration.
  - Implemented security best practices through IAM roles and VPC security groups, with continuous monitoring via CloudWatch.
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### Education

Bachelor of Computer Applications (BCA) — New Satara College of BCA, Pandharpur (2022–2025) | CGPA: 7.2/10

Higher Secondary Certificate (Science) — Shriram College, Paniv (2021) | 77.33%

Secondary School Certificate — K.J.S.P.M. Vidyalaya Malshiras (2019) | 61.80%