

PRADEEP E

AWS DEVOPS ENGINEER

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SUMMARY

AWS DevOps Engineer with 2.9+ years of experience in software testing, system administration, and cloud infrastructure management. Proficient in AWS services, CI/CD, Kubernetes, and monitoring tools. Experienced in deploying, automating, and maintaining scalable and secure cloud environments with a strong focus on performance, reliability, and quality assurance. Passionate about driving efficiency through DevOps best practices and cloud-native solutions.

SKILLS

TECHNICAL SKILLS – MULTI-CLOUD & DEVOPS

Cloud Platforms: AWS (EC2, S3, RDS, IAM, VPC, Route 53, CloudWatch, Lambda, CodePipeline, CodeDeploy, SSM, CloudFormation, CloudTrail, WAF, ELB, ASG, SNS, SQS, EBS, EFS), Azure

Containerization & Orchestration: Docker, Kubernetes (KOps)

CI/CD & Automation: Jenkins, Git, GitHub, Terraform, Ansible

Monitoring & Security: Prometheus, Grafana, SonarQube, Trivy, ELK Stack, Splunk, CloudWatch

Scripting & Configuration: Python (Basics), Bash, Shell, YAML

Operating Systems: Linux, Windows

Project Management & Testing: JIRA, ALM, Manual Testing, Functional Testing, Agile, Waterfall

PROFESSIONAL SKILLS

- Problem Solving
- Team Collaboration
- Communication
- Time Management
- Adaptability

TRAINING & COURSES

Chennai

AWS, DevOps & Kubernetes Training
Green Technologies

AI-DevOps Foundational Course
National Skill Development Corporation (NSDC)

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

Issued: July 2025 Verification URL: <https://www.credly.com/badges/69cea99a-892-a77-93bd-7b2bd623102>

EXPERIENCE

01/2023 – Present
Chennai

IND Innovation Pvt Ltd (Client: TCS Chennai)
Software Analyst (with DevOps & Cloud Responsibilities)

Project: Tamil Nadu Ease of Doing Business (TNEODB) – www.tnswp.com 

Description: An online platform enabling businesses and individuals to apply for No Objection Certificates (NOCs) across multiple Tamil Nadu Government departments through a single window system.

Key Responsibilities & Contributions
DevOps & Cloud Support

- Assisted in application deployments and environment maintenance on AWS EC2, RDS, and S3.
- Supported the DevOps team in configuring and monitoring CI/CD pipelines using Jenkins and GitHub.
- Performed server health checks, log analysis, and deployment validation to ensure application stability.
- Collaborated with DevOps engineers to automate release processes and manage AWS environments.
- Involved in infrastructure management and troubleshooting within the project's 3-tier AWS architecture (Web, App, DB).

Application & Testing Responsibilities

- Managed and monitored 15+ web applications for Tamil Nadu Government departments, ensuring high uptime and performance.
- Conducted requirement gathering, analysis, and UAT testing, coordinating between department officials and development teams.
- Designed and executed test cases, performed functional validation, and supported UAT walkthroughs.
- Logged, tracked, and validated defects using issue-tracking tools, ensuring timely resolution.
- Provided technical and production support for government officials and external users.
- Acted as a liaison between government departments and technical teams, ensuring smooth communication and effective updates.

04/2021 – 12/2022
Chennai

APM Terminals Pvt Ltd System Administrator

- Provided infrastructure support by resolving technical issues and assisting users to ensure consistent and reliable system performance
- Installed, configured, and troubleshoot system and network components to support daily IT operations and minimize downtime.

09/2019 – 02/2021
Chennai

APM Terminals Pvt Ltd Support Staff - IT Department

- Supported export logistics operations by performing system-based tasks within the IT department.
- Maintained and updated container and shipment records using internal logistics systems and Excel spreadsheets.
- Prepared and managed MIS reports to monitor daily carting, stuffing, and export activity performance.
- Ensured accuracy in data entry and reporting to support customs clearance and warehouse operations.
- Provided system-level support to logistics teams by identifying and resolving software and data entry issues.

EDUCATION

2023	MBA (Business Administration) Tamil Nadu Open University <ul style="list-style-type: none"> • 70%
2019	BCA (Computer Applications) University of Madras <ul style="list-style-type: none"> • 65%
2016	HSC (Computer Science) - State Board <ul style="list-style-type: none"> • 65%
2014	SSLC State Board <ul style="list-style-type: none"> • 62%

PROJECTS

Disaster Recovery using AWS

AWS Elastic Disaster Recovery

- Implemented AWS Elastic Disaster Recovery (EDR) to manage backups, perform regular validation tests, and restore mission-critical systems during simulated outages.

CI/CD Pipeline with Kubernetes

GitHub, Jenkins, Docker, Trivy, SonarQube, Kops

- Built a robust CI/CD pipeline using GitHub, Jenkins, Docker, Trivy, SonarQube, and Kubernetes (KOps). Automated code checkout, build, scan, image deployment, and cluster rollout with email alerts for status updates.

3-Tier Web App on AWS

AWS EC2, ALB, RDS, S3, Route 53, IAM, WAF, CloudWatch

- Designed and deployed a scalable 3-tier AWS architecture using EC2, ALB, RDS, S3, Route 53, IAM, and CloudWatch. Configured auto-scaling, DNS, alerting with SNS, and hosted PostgreSQL DB on RDS.

AWARDS

Leadership in Government IT Project

Successfully led the implementation of an online platform that streamlined the process for businesses to apply for No Objection Certificates, greatly enhancing service delivery for Tamil Nadu Government

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

E. Pradeep
Chennai