

JAYAPRABHU D

DEVOPS ENGINEER

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SUMMARY

DevOps Engineer with over 5+ years of experience in automating deployment pipelines, managing cloud infrastructure, and improving system reliability. Skilled in Terraform, Docker, and AWS, with a track record of reducing deployment times by 30% and enhancing scalability and fault tolerance. Known for solving complex technical challenges and collaborating effectively with cross-functional teams to deliver reliable and efficient systems.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS
- **Web Servers:** Apache, Nginx
- **AWS Services:** EC2, S3, IAM, SNS, ELB, VPC, RDS, ECS, EKS, ECR, Route 53, Service catalog, Elastic Beanstalk
- **Containerization & Orchestration:** Docker
- **Version Control:** GitHub, Assembla, Bitbucket, Codecommit
- **Infrastructure as Code:** Terraform
- **CI/CD Tools:** AWS Codepipeline, Jenkins, GitHub Actions
- **Monitoring Tools:** CloudWatch, Dynatrace, SiteScope, Spectrum, Prometheus, Grafana
- **Databases:** MySQL
- **Ticketing Tools:** ServiceNow, PagerDuty
- **Operating Systems:** Linux, Windows

PROFESSIONAL EXPERIENCE

Cloud Management Officer- Karur Vysya Bank

Jun 2023 - May 2025

Chennai

Technologies: VPC, EC2, ELB & ASG, CloudFront, S3, lambda, RDS, ACM, Codepipeline, API Gateway, Elastic Beanstalk, CloudWatch, Service catalog, CloudTrail, SNS, KMS, Guard Duty, Codecommit, Security Hub, ECS, Config.

- Managed AWS accounts across dev, test, and production environments.
- Provisioned infrastructure using Terraform and implemented CI/CD pipelines.
- Deployed serverless SPAs to reduce EC2 costs.
- Created DR plans and conducted regular RDS restoration tests.
- Purchased Reserved Instances, saving ₹20 lakhs in the first year.
- Monitored resources with CloudWatch and set up custom metrics and alarms with SNS alerts.
- Performed IAM key rotations and quarterly security reviews.
- Authored SOPs, architecture docs, and audit evidence.
- Reviewed AWS bills and coordinated payment approvals.
- Ensured compliance with AWS security best practices.

DevOps Engineer- Rapyder Cloud Solutions

Nov 2022 - May 2023

Bangalore

Technologies: EC2, ELB, VPC, S3, IAM, RDS, Cloud watch, Cloud Trail, Route 53, lambda, KMS, SNS, SQS, RDS, ECS.

- Provisioned cloud infrastructure based on application stack and SOW.
- Configured RDS instances and automated backup processes.
- Monitored cloud resources and services for performance and availability.
- Purchased Reserved Instances for application and database servers.
- Managed security groups, firewall rules, and routing tables.
- Supported application deployments and resolved infrastructure issues.
- Created IAM policies and managed user access to cloud resources.
- Set up OpenVPN servers based on user requirements.
- Authored SOPs and project closure documentation.

Cloud Engineer- Precision Infomatic

April 2022 - Nov 2022

Chennai

Technologies: EC2, ELB, Auto scaling, VPC, S3, IAM, RDS, Cloud watch, Cloud Trail, Route 53, lambda.

- Provisioned EC2 instances manually and via automation based on client requirements.
- Optimized instance resources (CPU, RAM, Disk) using monthly usage trend reports.
- Scheduled backups for EC2 volumes and RDS instances per organizational policies.
- Monitored cloud resources and services for performance and availability.
- Managed OS patching across servers in line with patch management policies.
- Tracked computing usage to optimize billing and reduce costs.
- Maintained security groups, firewall rules, and routing tables.
- Created and extended block/file storage volumes as needed.
- Integrated cloud services with existing identity systems; managed users and groups.
- Defined IAM policies and controlled user access to cloud resources.
- Analyzed server access logs for security and troubleshooting.
- Deployed OpenVPN servers based on user count and requirements.

DevOps Engineer- Tata Consultancy Service

August 2019 - Mar 2022

Chennai

Technologies: Git, Assembla, Jenkins, Docker, Terraform, Kubernetes, Maven, ServiceNow, App Dynamics, PagerDuty, Dynatrace, SiteScope, Spectrum, On premises and AWS.

- Managed Git and Jenkins for CI/CD automation.
- Managed source code repositories in Git and Assembla across multiple applications.
- Performed builds and deployments across environments: Dev, UAT, SIT, Preprod, and Prod.
- Handled code branching, tagging, and merge operations for release management.
- Set up and maintained Jenkins pipelines, plugins, and user access.
- Stored build artifacts in Nexus and managed deployment jobs end-to-end.
- Deployed WAR/JAR files to Tomcat servers during release cycles.
- Used Argo CD for deploying applications to EKS clusters, coordinating with dev and QA teams.
- Built AWS infrastructure using Terraform for scalable cloud environments.

- Ensured smooth CI/CD workflows and supported application delivery processes.

EDUCATION

Bachelor of Science in Computer Science Dr. MGR University Educational & Research Institute **June 2014 - Apr 2019**
Master of Business Administration Madras University **July 2021- June 2023**

AWARDS & ACHIEVEMENTS

Best Performer 2024 – Honored for driving significant cloud cost savings by strategically purchasing AWS Reserved Instances for application and database servers, resulting in ₹20 lakhs saved within the first year.