

Thejus M

Bangalore, Karnataka | thejsum0702@gmail.com | 9847311945 | [LinkedIn](#)

Professional Summary

Results-driven Techy with hands-on experience in DevOps, AWS, CI/CD, Docker, Kubernetes, and Infrastructure as Code using Terraform. Proven track record in optimizing deployment pipelines, enhancing system reliability, and reducing operational costs. Passionate about automation, cloud-native technologies, and continuous delivery in agile environments.

Education

Bachelor's in Mechanical Engineering, 2020-2024 | CGPA-8.45

Rathinam Technical Campus – *Anna University, Coimbatore*

Higher Secondary Education (Class 12), 2019-2020 | Percentage-78%

Rajas Higher Secondary School – *State Board, Kannur*

Experience

AWS Cloud & DevOps Engineer-Intern

Besant Technology, Indiranagar, Bangalore | *Present*

- Automated AWS infrastructure provisioning, reducing setup time by **50%** using Terraform and CloudFormation.
- Implemented and maintained **CI/CD pipelines** via Jenkins and AWS CodePipeline, increasing deployment frequency by **40%**.
- Optimized cloud resources and performance monitoring, cutting operational costs by **20%**.

Generative AI Engineer – Intern

Unified Mentor Private Limited, Remote | *Jun 2024-Jan2025*

- Enhanced performance of generative models using Python & TensorFlow, improving model accuracy by **30%**.
- Led cross-functional collaboration for AI solutions, resulting in **25%** improved efficiency.
- Conducted data preprocessing to improve data integrity and model reliability by **20%**.

Certifications

- AWS Solution Architect - AWS
- HashiCorp Certified: Terraform Associate
- Docker Essentials (Udemy)
- Explore generative AI - Google

Technical Skills

Cloud Platforms: AWS (EC2, S3, Lambda, VPC), GCP

DevOps Tools: Docker, Kubernetes, Terraform, Jenkins, Git, GitHub, AWS CodePipeline

Scripting & Programming: Python, Bash/Shell, JavaScript, C

OS & Systems: Linux/Unix

Databases: MySQL, MongoDB, DynamoDB

Concepts: Infrastructure as Code (IaC), CI/CD, Monitoring, Automation

Projects

FBL - Flash Boot Loader (DevOps Engineer, CI/CD Pipeline) - Bank Of Montreal

- Built containerized CI/CD pipelines using Docker and Jenkins, reducing deployment failures by **30%**.
- Reduced testing cycles by **35%** through streamlined packaging on car firmware simulators.
- Integrated artifact management for consistent builds across teams.

AWS Infrastructure Automation with Terraform

- Provisioned EC2 instances, S3 buckets, and VPC networks with Infrastructure as Code.
- Modularized Terraform code for scalability and reusability.
- Ensured consistent, repeatable cloud environments across dev/test.

CI/CD Pipeline Implementation using Jenkins

- Developed a CI/CD pipeline using Jenkins, automating build, test, and deployment workflows, reducing deployment time by 40%.
- Integrated Docker and AWS CodeDeploy for seamless deployments to AWS EC2, cutting manual deployment errors by 60%.
- Configured Amazon CloudWatch for real-time monitoring and automated alerts, improving system incident response time by 35%.

Kubernetes Deployment for a Multi-tier Application

- Deployed a multi-tier application (frontend, backend, DB) on AWS EKS using Kubernetes, improving scalability and availability by 99.9% uptime.
- Built and maintained Helm charts, reducing deployment time and complexity by 50%.
- Implemented Horizontal Pod Autoscaling (HPA) based on CPU/memory metrics, enhancing performance under load by 30%.

Core Competencies

- | | | |
|--------------|---------------------|--------------------------|
| • AWS | • CI/CD | • Terraform |
| • Jenkins | • Docker | • Kubernetes |
| • Python | • Bash/Shell | • Infrastructure as Code |
| • Git/GitHub | • DevOps Automation | • Cloud Optimization |