



GOPINATH.S

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Profile

Recent IT graduate with strong foundational skills in Python, Shell scripting, REST APIs, and cloud & Devops technologies. Experienced in developing small-scale applications, automating tasks, and deploying solutions using AWS services. Highly motivated to learn, adapt quickly, and contribute effectively to software development, cloud-based projects, and collaborative engineering environments.

Experience

AWS Internship

July 2024 - Aug 2024

ETS Academy

- Gained hands-on experience with core AWS services (EC2, S3, IAM, VPC, Etc..) and implemented cloud infrastructure best practices in real-world deployment scenarios.
- Designed and deployed a portfolio hosting solution using S3 + CloudFront, achieving 60% faster load times and It also sparked my interest in DevOps, motivating me to further learn and explore DevOps-related technologies.

Education

Nandha College Of Technology

2021 – 2025

Bachelor of Technology in Information Technology - CGPA 7.7

Government Boys Higher Secondary School

2018 – 2021

- HSC - 82%
- SSLC - 73%

Skills

- Cloud: Amazon Web Services (EC2, S3, IAM, VPC, RDS, CloudWatch, Lambda & Etc..)
- DevOps Tools: Git, GitHub, Docker, Jenkins, Terraform, Kubernetes
- Operating System: Windows, Linux (Ubuntu, CentOS)
- Networking: Fundamentals of TCP/IP, DNS, Load Balancing
- Scripting & Automation: Python, Shell Scripting

Projects

REST API Development & Cloud Deployment

AWS EC2 / Lambda / API Gateway / Postman / GitHub [∞](#)

- Built scalable REST APIs with authentication, validation, routing, and error handling.
- Deployed APIs on AWS EC2/Lambda, ensuring optimized performance and uptime.
- Showcased backend development, cloud hosting, and API documentation skills.

AWS 3-Tier Web Application Deployment

AWS EC2 / AWS RDS / AWS S3 / AWS ALB / Terraform [∞](#)

- Designed and deployed a scalable 3-tier architecture using VPC, Public/Private Subnets, EC2, ALB, ASG, RDS, and S3, ensuring high availability and secure network isolation.
- Implemented optimized security using Security Groups, NACLs, and automated infrastructure provisioning using Terraform.
- Delivered a production-ready architecture that supports seamless scaling and improved application reliability.

End-to-End CI/CD Pipeline

Docker / GitHub / Jenkins / AWS [∞](#)

- Orchestrated comprehensive CI/CD pipelines utilizing AWS, Docker, Jenkins and GitHub
- Ensured seamless integration, deployment, and automation within pipelines

Achievements & Awards

- AWS Educate Emerging Talent Community (ETC) Member – Amazon Web Services (AWS)
- AWS Certified Cloud Practitioner Course – GeeksforGeeks
- DevOps Course – MLC Platform
- Graduated from the AWS re/Start Program and achieved AWS Cloud Quest: Cloud Practitioner certificate