



GOPINATH.S

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Profile

I am a recent graduate in Information Technology, eager to launch my career as an AWS Cloud Engineer/DevOps Engineer. With a solid foundation in AWS cloud and DevOps technologies, along with hands-on experience in cloud services and tools, I am confident in my ability to contribute effectively to a team while advancing my skills in cloud computing and DevOps

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, Kubernetes
- Operating System: Windows, Linux (Ubuntu, CentOS)
- Networking: Fundamentals of TCP/IP, DNS, Load Balancing

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

Projects

AWS Serverless Web Application

CLOUDFRONT / S3 / IAM / LAMBDA

- Created a serverless web application using AWS Lambda, S3, and DynamoDB that is scalable and efficient
- Deployed my college's real-time website on AWS S3 using CloudFront for better speed, security, and cost savings

Continuous Integration and Deployment

DOCKER / JENKINS / AWS

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

AWS 3-Tier Web Application Deployment

S3/CLOUDWATCH/IAM

- Created a 3-tier architecture using EC2 (web/app), RDS (database), and S3 for static hosting
- Configured security groups and IAM roles to ensure least-privilege access

Publications

"Securing Patient Data in Wireless Medical Sensor Networks using ElGamal and Paillier Encryption", *Proceedings of the CoaCoNS 2025 Conference*, SRM Institute of Science and Technology, Indexed in Scope.

27th March 2025