

ROHITH GOWTHAM G

Mysore, IN

[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Objective

Passionate about cloud computing with strong hands-on experience in AWS and Kubernetes. Focused on building scalable solutions while continuously enhancing my skills in a fast-paced environment. Dedicated to delivering efficient and reliable cloud architecture.

Skills and Abilities

- **Proficient with Cloud Platforms:** AWS (EC2, S3, Lambda, IAM, CloudFront)
- **Containerization & Orchestration:** Kubernetes, Docker
- **Automation & Infrastructure as Code:** Terraform, GitHub Actions
- **Programming Languages:** C, C++, Basics of Python/Shell Scripting
- **Web Development:** HTML, CSS
- **Networking:** Understanding of TCP/IP, TLS, DNS, VPC, Subnetting, Security Groups
- **Version Control & CI/CD:** Git, GitHub
- **Operating Systems:** Linux (Ubuntu), Windows Server

Work Experience

AWS Cloud Intern – F13 Technologies

July 2024 – Present

- Assisted in creating a comprehensive migration blueprint for the Indian Railways System (IRS) to AWS, optimizing scalability and performance.
- Analyzed the IRS platform's architecture and functionalities, identifying suitable AWS services like EC2, RDS, and S3 to support migration.
- Determined system consumption requirements, including bandwidth and storage needs, reducing potential migration risks by 20%.
- Developed detailed documentation and a PowerPoint presentation outlining the migration process, architecture model, and AWS service mapping.
- Collaborated with teams to propose a cost-efficient and secure architecture, improving scalability and availability for over 1Cr daily users.

Projects

Cloud Resume Challenge

- Built and deployed a personal resume website using AWS services (S3 for hosting, CloudFront for CDN, Route53 for DNS).
- Integrated a visitor counter using AWS Lambda and DynamoDB for data storage.
- Automated deployment via GitHub Actions to ensure continuous integration and deployment.
- [View live site](#) | [Source code](#)

Kubernetes-Deployed Application

- Developed and containerized a Python-based application using Docker, focused on functional weight conversion.
- Deployed the container on Kubernetes and accessed it through port-forwarding for seamless interaction.
- [Source code](#)

Amazon Front-End Clone

- Designed a static front-end clone of Amazon.com using HTML and CSS.
- Focused on replicating layout and design components to improve front-end development skills.
- [Source code](#)

Education

- National Institute of Engineering, Mysore – B.Tech, Computer Science Dec 2022- 2026
 - o CGPA – 8.29
- BASE PU College, Mysore – PCMC Jun 2020- 2022
 - o Grade- 94.83%

Certifications

- AWS Certified Cloud Practitioner - Amazon Web Services
- Python - Kaggle