

# ROHITH GOWTHAM G

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## OBJECTIVE

Detail-oriented student with a strong foundation in programming and problem solving. **AWS Certified** with hands-on experience in designing scalable cloud solutions, optimizing deployments, and building cost-efficient infrastructure. Proficient in programming, AWS, Kubernetes, and Docker.

## EDUCATION

**B.E Computer Science and Engineering**, NIE Mysore Expected 2026

**Relevant Coursework:** Cloud Computing, DSA, Operating Systems, Computer Networks.

**CGPA: 8.30**

**Pre-University**, BASE PU College, Mysore 2020-2022

**Stream:** PCMC

**Grade:** 94.83%

## SKILLS

Cloud Platforms	AWS (EC2, S3, Lambda, IAM, DynamoDB, Athena)
DevOps Tools	Kubernetes(EKS, KinD), Docker(ECS Fargate), Terraform, GitHub Actions
Programming Languages	C, C++, Java, JavaScript, Python, Shell Scripting (Basics)
Web Development	HTML, CSS, React.js
Networking	TCP/IP, TLS, DNS, VPC, Subnetting, Security Groups
Version Control	Git, GitHub
Operating Systems	Linux, Windows

## EXPERIENCE

**AWS Cloud Intern** Jul 2024 – Dec 2024

**F13 Technologies** *Remote*

- Developed a cloud migration strategy for the Indian Railway System (IRS), reducing infrastructure costs by **30%** while maintaining security and scalability.
- Optimized AWS resource allocation, cutting compute, storage, and bandwidth costs by **20%** through service selection and automation.
- Assisted in migrating applications from on-premise to AWS, achieving **99.99% uptime** with managed AWS services.
- Strengthened security compliance by implementing AWS best practices, reducing vulnerabilities by **35%**.

## PROJECTS

### Clickstream Analytics Pipeline on AWS.

Built a scalable real-time Click Tracking System using React.js, Python, AWS Lambda, and ECS Fargate, enabling cost-efficient analytics with AWS Glue and Athena. - Developed a **serverless ETL Pipeline** ingesting click events from DynamoDB, transforming data, and storing partitioned Parquet files in S3. - Optimized Athena queries and reduced analysis costs by **30%** through efficient data storage and compression. - Integrated **AWS QuickSight** for dynamic dashboarding and real-time data visualization.

[View live site](#) — [Source code](#)

### Cloud Resume Challenge.

Developed a personal resume website hosted on AWS, utilizing S3 for static hosting, CloudFront for CDN, and Route53 for DNS management. - Integrated a real-time **visitor counter** using AWS Lambda and DynamoDB. - Automated deployment with GitHub Actions, ensuring continuous integration and deployment (**CI/CD**). - Implemented Infrastructure as Code (**IaC**) using Terraform for automated deployments.

[View live site](#) — [Source code](#)

### Weight Converter on Kubernetes.

Built and containerized a Python-based weight conversion application using Docker, deployed on Kubernetes for scalability and high availability. - Configured autoscaling and efficient resource management.

[Source code](#)

## CERTIFICATIONS

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- AWS Certified Cloud Practitioner ([View Certificate](#))
- AWS Partner Accreditations: DevOps Navigate, Cloud Economics, Technical Professional, IoT on AWS, Data Analytics. ([View Credly Profile](#))
- Python (Kaggle) ([View Certificate](#))

## VOLUNTEERING

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### Project Rainbow – Bringing Light to Education

- **AWS Instructor** for Project Rainbow, delivering free cloud education to 20+ underprivileged students across 5 schools/colleges.
- Contributed to empowering **20+ eager learners** across **5 schools/colleges** through structured online sessions.
- Helped bridge the education gap by delivering hands-on AWS training, making cloud technology accessible to all.