

# RUCHITHA ANNANGI

Junior Cloud Engineer

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## EDUCATION

Jawaharlal Nehru Technological University, Ananthapur  
Bachelor of Technology Electronics Communication Engineering

Andhra Pradesh, India  
July 2019 – 2022

## SKILLS SUMMARY

**Cloud Platforms:** Amazon Web Services(AWS), Azure  
**Infrastructure as a code:** AWS CloudFormation, JSON, YAML, Terraform  
**AWS Services:** EC2, S3, EBS, EFS, VPC, RDS, DynamoDB, MongoDB, Amplify, Route53, CloudFront, AWS Lambda  
**Containerization:** Docker, Kubernetes  
**Version Control System:** Git  
**Operating Systems:** Linux, Ubuntu, Windows  
**Programming Languages:** Python, C

## WORK EXPERIENCE

Junior Cloud Engineer | DigAmend Technology Solutions

June 2023 to Till date

- 1 year of hands-on experience in designing, implementing and managing cloud infrastructure, proficient in AWS, AZURE
- Skilled in using **Terraform and CloudFormation for automation** and management of cloud resources.
- Strong understanding of cloud security principles, including IAM, encryption, and compliance.
- Experience in setting up and **maintaining CI/CD pipelines using Jenkins**, Github Actions, and AWS CodePipeline.
- Proficient in implementing monitoring, logging, and alerting solutions with Cloudwatch, Azure Monitor, and Prometheus.
- Excellent communication skills and a strong team player, capable of working effectively in cross-functional teams. Demonstrated ability to troubleshoot and resolve complex cloud infrastructure issues promptly.

## PROJECTS

CorlMart Website Hosting | [www.corlmart.com](http://www.corlmart.com)

- Deployed a scalable **backend on AWS EC2 instances**, ensuring high availability and performance.
- Implemented **SSL certificates to secure communication with HTTPS**, enhancing website security.
- Utilized AWS **Amplify to host** and manage the frontend, enabling seamless deployment and updates.
- Set up comprehensive **monitoring and logging using AWS CloudWatch**, ensuring real-time application performance insights and proactive issue resolution.
- Collaborated closely with the team to ensure smooth integration between the frontend and backend, resulting in an optimized and user-friendly web application.
- Configured AWS security groups and IAM roles to enforce strict access controls and ensure compliance with security best practices.

Corllei Website hosting | [www.corllel.com](http://www.corllel.com)

- Hosted a static website on Amazon S3.
- Purchased and configured a **custom domain name through Amazon Route 53**.
- Implemented SSL/TLS encryption by creating and integrating an SSL certificate using AWS Certificate Manager (ACM) for secure HTTPS connections.
- Configured Amazon **CloudFront distributions to improve website performance** and security.
- Developed a **CI/CD pipeline using AWS CodePipeline and AWS CodeCommit for automated** build, test, and deployment processes.
- Monitored website performance and health with Amazon CloudWatch, setting up custom alarms and dashboards.

## CERTIFICATES

Programming for everybody(Python)

October 2021

- Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
- Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

AWS Cloud Practitioner Essentials

February 2024

- Gained a comprehensive overview of core AWS services.
- Developed a solid understanding of cloud computing concepts, AWS global infrastructure.

Cloud Serverless Application

July 2024

- Understand in identifying appropriate AWS solutions for various business scenarios.