RAGAVENDRA AVULA

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PROFESSIONAL SUMMARY

Highly motivated Computer Science student with hands-on experience in AWS, Python, and machine learning. Proven problem-solver with proficiency in Python, C++, and web technologies, demonstrated by 1200+ coding problems solved. Seeking a challenging Software Engineering role to leverage expertise in building scalable applications and cloud-based solutions.

EDUCATION

Computer Science and Engineering, Vignan's Institute Of Information Technology — 2022 - 2026
CGPA: 8.50

Intermediate, Narayana junior college — 2020 - 2022
Percentage: 89

10th CBSE, Kendriya vidyalaya, Ongole — 2019 - 2020
Percentage: 75

SKILLS

Programming Languages	C, C++, Python, JavaScript
Technologies	AWS, GCP, Linux, HTML, CSS, JavaScript, ReactJS
Tools	Git, GitHub, VS Code, CLI
Databases	MySQL, MongoDB, Supabase
Soft Skills	Communication, Planning and Organizing, Problem Solving

EXPERIENCE

AWS INTERN — Jan 2024 - APR 2024
Brainovision Solutions India Pvt.Ltd — *Hyderbad, IND*

- Deployed and managed cloud infrastructure using AWS services(EC2, S3, IAM, ALB, VPC), enhancing scalability.
- Configured secure virtual networks and implemented automated deployment pipelines, improving deployment efficiency.
- Implemented security best practices and optimized cloud resource usage, resulting in a reduction in operational costs.
- Managed and implemented both manual and automated server provisioning, including auto-scaling solutions, ensuring high availability and performance.

Google Developer Groups (GDG) Cloud Lead — Sept 2024 - Present
Vignan's Institute of Information Technology — *Visakhapatnam, IND*

- Led community initiatives focused on Google Cloud technologies and organized tech sessions for peers.
- Collaborated with GDG organizers to facilitate hands-on learning and engage 300+ students.
- Successfully organized and led Hackathons, mentoring sessions, and cloud study jams, significantly promoting cloud adoption and learning.
- Mentored 200+ students in AWS cloud computing technology.

Software Developer QA and Devops — May 2025 - Present
UnQue Cloudbook Private Limited — *Ahmedabad, IND*

- Identified and documented 50+ critical bugs in mobile applications through manual testing, significantly enhancing application stability and user experience.
- Developed 180+ comprehensive test cases, reducing regression testing time and consistently identifying critical bugs and UI inconsistencies.
- Managed and maintained AWS EC2 instances, configured environment variables, and ensured high stability of both development and production servers.
- Assisted in test data management within databases and configured AWS CodePipeline, optimizing CI/CD workflows for faster and more reliable deployments.
- Developed and implemented a cron job scheduler for automated salon payments and created scripts for automated script generation and MongoDB management.
- Managing the prod and dev servers and also managing the both the db's.

PROJECTS

Intelligent Electric Vehicle Analytics . Collaborated on a machine learning solution for predicting performance of the electric vehicles by using the main features of the vehicle using AWS. It was a team project my role included building and training models ans as ateam lead. Built and trained models using linear regression, decision tree, and random forest algorithms. This project will help the manufacturing industries to built a high performance vehicle and the customers to buy the good and high performance vehicle Tech Stack: AWS, Python, GitHub, Machine Learning, (Git)

Parking Finder – Real-time Parking App. A modern web application that helps users find available parking spots within the 2km of radius from the users location in real-time. Built with React and Google Maps integration, it provides an intuitive interface for locating nearby parking spaces, comparing rates, and getting directions. The main is to solve the praking problems and traffic issues and also helps public to earn money through there unused land. Tech Stack: React, TypeScript, Google API's, Tailwind CSS, Supabase. (Demo)

CERTIFICATES

Python Essentials ↗   CCNA Networking ↗
AWS Academy Cloud Foundations ↗   AWS APAC Solutions Architecture ↗
Accenture Nordics Software Engineering ↗   AWS Cloud Technical Essentials ↗

ACCOMPLISHMENTS AND ACTIVITIES

- Selected as Google Developer Groups(GDG) Cloud Lead at Vignan's Institute of Information Technology.
- Achieved 2nd place in AI-ML Hackathon conducted by Brainovision solutions india pvt ltd.
- Solved 1100+ coding problems with a 1450+ rating and 2-star rank on CodeChef.
- Completed 100-day coding streak on CodeChef and 50-day streak on LeetCode.