

Ganesh Korada

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OBJECTIVE

Highly motivated Computer Science student, AWS Certified Cloud Practitioner, proficient in Cloud Computing and passionate about designing, deploying, and managing cloud infrastructure. Demonstrated expertise in AWS services (EC2, S3, Lambda, RDS, CloudWatch) and cloud-native technologies. Proven ability to develop scalable and efficient cloud solutions, with a focus on automation, performance optimization, and robust Cloud Security. Eager to contribute to innovative cloud projects in a Current Role capacity, aligning technical skills with the responsibilities of a Cloud Engineer.

EDUCATION

B-Tech in Computer Science and Engineering, Bennett University

2026

SKILLS

AWS (EC2, S3, Lambda, RDS, CloudWatch), Cloud Infrastructure, Cloud Security, Deployment Strategies (CI/CD), VPC, Auto-scaling, Monitoring, Performance Optimization, Python, Java, C++, Git, Containerization (Docker, Kubernetes).

CERTIFICATIONS

- 1) AWS Certified Cloud Practitioner
- 2) AWS Academy Graduate
- 3) Improving Deep Neural Networks
- 4) AWS Cloud Technical Essentials
- 5) Supervised Machine Learning
- 6) Digital business - Act on the digital world
- 7) Corizo By WiproTraining & Internship Certificate

Training & Internship Experiences

Training cum Internship | Corizo by Wipro

July 2025 – October 2025

- Completed hands-on training and internship in Cloud Computing and AWS services.
- Developed and deployed a cloud-based application, improving automation and security.
- Collaborated with a project team to deliver solutions and received mentorship from industry professionals.

PROJECTS

Drowsiness Detection:

Developed a real-time Drowsiness Detection system using YOLOv5 and CNN, achieving high accuracy. Integrated with CloudWatch for real-time monitoring of system performance, demonstrating proficiency in cloud-based machine learning and monitoring. Utilized Python libraries and OpenCV to implement and deploy the system, highlighting skills in cloud-based application development and integration.

Employee Management:

Implemented admin-level access and real-time updates using database integration and form validation, relevant to cloud-based database management and data security.

Utilized Python Flask and MySQL for backend data storage and processing in the management application, underscoring proficiency in cloud-based backend development.

Campus Navigation System:

Developed a smart campus navigation system utilizing Dijkstra's Algorithm, which could be applied for optimizing resource allocation in cloud environments.

Implemented Dijkstra's algorithm with Python and Java to compute and display the shortest path, showing a strong understanding of algorithms applicable to cloud infrastructure management.

Plant Disease Detection:

Implemented a CNN model to classify plant diseases from leaf images, deploying the solution as a Streamlit web app, exhibiting experience in model deployment on cloud platforms and infrastructure.

Hosted the application on AWS, ensuring scalability and accessibility, which demonstrates an understanding of cloud infrastructure and deployment strategies.