

Ruthvik Sarma Dandibhotla

LinkedIn — GitHub — Portfolio

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EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology

Hyderabad, India

B.Tech – Artificial Intelligence and Machine Learning

Aug 2023 – Jun 2027

CGPA: 9.00

SKILLS SUMMARY

Languages:	Python, Java, SQL
Frameworks:	TensorFlow, Flask, React, Angular, Pandas, OpenCV
Tools:	Git, GitHub, Docker, AWS, MySQL, n8n
Platforms:	Jupyter Notebook, VS Code
Machine Learning:	Deep Learning, CNN, Computer Vision, Reinforcement Learning, Model Training, Data Processing
Soft Skills:	Problem Solving, Analytical Thinking, Public Speaking, Team Collaboration

INTERNSHIPS

Software Engineer Intern — Bluestock

Dec 2025 – Jan 2026

- Worked on fintech software development tasks and contributed to production-ready engineering workflows.
- Improved debugging efficiency and code quality while following standard software development practices.
- Applied Git-based version control in development workflows with structured coding practices and systematic problem solving.

Cloud Virtual Intern — Amazon Web Services (AWS)

Jan 2024 – Mar 2024

- Executed hands-on cloud computing projects using AWS services including EC2, S3, IAM, and Lambda.
- Deployed and managed cloud infrastructure including virtual servers, storage services, and access controls.
- Applied best practices in cloud scalability, security, and infrastructure management.

PROJECTS

Deepfake Detector Chrome Extension

Jan 2025 – Present

- Engineered a deep learning system to detect AI-generated and manipulated media using computer vision techniques
- Executed CNN-based image classification models using Python, TensorFlow, and OpenCV.
- Integrated detection into a Chrome extension enabling real-time video authenticity verification.
- Improved media security by detecting manipulated facial patterns in online videos.

Self Driving Car Simulation

Feb 2025 – Present

- Built an autonomous driving simulation using reinforcement learning and neural networks.
- Developed computer vision pipelines for lane detection and environment perception.
- Implemented AI-based decision models for steering and navigation in simulated environments.
- Improved navigation accuracy through iterative training and simulation feedback.

CERTIFICATIONS

AWS Academy Graduate – AWS Cloud Architecting

Dec 2023

- Finished 40-hour cloud architecture training covering AWS services, infrastructure design, and scalable cloud deployment.

Software Engineering Job Simulation – Forage

Apr 2025

- Performed practical engineering tasks including Kafka integration, REST API development, and system setup.