

Sai Kumar Golla

AI & ML engineering undergraduate with strong full-stack development and algorithmic problem-solving skills. Proven experience in building real-time, intelligent systems and winning national-level hackathon. Passionate about ML, scalable web solutions, and impactful innovation.

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WORK EXPERIENCE

Walmart Advanced Software Engineering Simulation (Forage)

Virtual Internship

April 2025

- Completed **Walmart's Advanced Software Engineering Job Simulation** via **Forage**.
- Created a **custom heap structure in Java** to optimize **shipping logistics**.
- Designed **UML and ER diagrams** for **scalable database systems** in the **pet department** across multiple **operating modes**.

EDUCATION

Gayatri Vidya Parishad College of Engineering (Autonomous)

B.Tech – Artificial Intelligence & Machine Learning - 9.37

Expected Graduation : April 2026

PROJECTS

AI-Powered Video Proctoring System (Technology Stack : Python, OpenCV, MediaPipe, YOLOv4, Tkinter)

- **Built a real-time exam monitoring system** that won **1st place** at **HackTank by IIT Kharagpur**.
- **Integrated facial landmark detection and object recognition** to monitor **cheating behaviors** with **>55% accuracy**.
- **Designed a user-friendly GUI** for **live tracking of head movement, eye activity, and unauthorized items**.

Dev_Connect - Developer Networking Platform (Technology Stack : MERN Stack)

- **Developed a full-stack web app** for developers to **connect, collaborate, and build communities**.
- Implemented **secure JWT-based login, user dashboards, and profile suggestions**.
- Enabled **profile creation, messaging, and friend-request features** with **persistent data storage**.

SKILLS

- **Programming Languages:** C, C++, Java, Python
- **Machine Learning and Deep Learning:** Scikit-learn, TensorFlow, Keras, PyTorch, Pandas, Numpy
- **Web Development:** HTML, CSS, JavaScript, ReactJS, Node.js, Express.js, MongoDB, SQL
- **Tools and Technologies:** Git, VS Code, Jupyter Notebook
- **Relevant Coursework:** Data Structures, Algorithms, Database Management Systems, Operating Systems

ACHIEVEMENTS

- **Winner, HackTank Hackathon** by IIT Kharagpur (**1st Place**)
- Ranked **Top 9.85%** on **LeetCode** (**Max Rating: 1762**)
- **CodeChef 3-star** (**Max Rating: 1683**)
- **Global Rank 2255 – TCS CodeVita Season 12**
- **Rank 1343 – CodeFest'25 Prelims (IICPC)**

CERTIFICATIONS

- **AWS Academy:** Machine Learning Foundations
- **AWS Academy:** Data Engineering
- **GeeksforGeeks:** Machine Learning & Data Science