SAI SANNIDH SALE *Software Engineer – Entry Level*

saisannidhs@gmail.com 9390426680 Hyderabad , India Male

https://www.linkedin.com/in/sale-sai-sannidh/ https://github.com/saisannidh1

Profile

Recent computer science graduate from Mahatma Gandhi Institute of Technology with a strong foundation in data structures, algorithms, and object-oriented programming.Proficient in languages like Python and Java, with hands-on experience in Machine Learning, AI Frameworks, TensorFlow.js, and Cloud technologies through academic projects. Eager to apply problem-solving skills and a passion for software development to an entry-level software engineer role.

Education

Mahatma Gandhi Institute of Technology, Hyderabad 11/2021 – 05/2025
Bachelor of Technology (Computer Science and Engineering) (7.24 CGPA)

Sri Chaitanya Junior College, Hyderabad 01/2021
Intermediate Certificate, MPC (94%)

High School Diploma, SRI CHAITANYA TECHNO SCHOOL , KOMPALLY 01/2019
High School Diploma (10 GPA)

Projects

Real-time Weapon Detection System using YOLOv8 and Google Cloud
Tech Used: Python, YOLOv8, Flask, Google Cloud VM, GCP Buckets, OpenCV
- Achieved 98% accuracy in real-time firearm and knife detection using YOLOv8 with local camera feeds.
- Deployed on Google Cloud VM, managing datasets and model weights via GCP buckets.
- Enabled full-frame detection with auto-updating YOLO-format annotations.
- Used Flask + IPC for low-latency inference, bypassing REST API complexity.

QueryCraft: Conversational SQL Assistant
Tech Used: Python, Streamlit, OpenAI, SQLite, Docker, Streamlit Cloud
- Developed an AI assistant that turns natural language into SQL queries.
- Created an interactive Streamlit web app with chat memory for follow-up questions.
- Secured deployment with Docker and API key encryption on Streamlit Cloud.
- Enabled query accuracy of over 95%, even with user-uploaded databases.

Wordle Bot
Tech Used: Python, Streamlit, OpenAI, SQLite, Docker, Streamlit Cloud
- Developed a Python bot powered by Gemini 1.5 Pro, capable of solving Wordle based on real-time DOM feedback.
- Integrated Google's Gemini 1.5 Pro LLM to generate strategic, context-aware guesses based on real-time game state analysis.
- Engineered a resilient automation pipeline using Playwright to accurately control the browser, enter words, and parse visual feedback from the DOM.

Skills

Programming Languages: C, Python, SQL, JavaScript, HTML, CSS, Flutter

Tech Domain: Data Science, Machine Learning, Artificial Intelligence, Deep Learning, AWS

Tools/Libraries: Scikit-Learn, Keras, TensorFlow, PyTorch, NumPy, Pandas, Matplotlib, OpenCV, GitHub.

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems

Soft Skills: Problem-Solving, Critical Thinking, Team Collaboration, Communication, Time Management, Adaptability