Surajkumaar M

Undergraduate Student

Location: Chennai Number: +(91)-7358307422 LinkedIn Profile
Date of birth: 13-02-2005 Email: m.surajkumaar1302202205@gmail.com Github Link

Motivated and eager to contribute by improving efficiency and streamlining processes. Actively preparing for the workforce and open to internship opportunities to grow skills and industry experience.

Work experience

Sri Sairam Techno Incubator Foundation | Research and Development Intern *Chennai |02.2025 – Present*

- Developed and fine-tuned a custom machine learning model for domain-specific use cases.
- Focused primarily on model performance optimization, training, and evaluation.
- Collaborated on deployment by integrating the model into a Three-Tier Architecture using AWS EC2 and DigitalOcean.

Education

Sri Sai Ram Engineering College | Bachelor's Degree *Chennai | 01.2022 - 01.2026*

During my studies in computer science and business systems, I have developed proficiency in programming languages such as C and Python, as well as in algorithms and database management. Additionally, I have explored business analytics and project management, acquiring skills to improve business operations and create effective technological solutions.
Cumulative GPA-8.02

Sitadevi Garodia Hindu Vidyalaya Matric. Hr. Sec. School | High School *Chennai | 01.2020 - 01.2022*

Throughout my 12th grade studies in computer science, I have completed courses such as Introduction to Programming focusing on Python, Web Development Basics, and Database Fundamentals.

Skills

Languages: Python, SQL, JavaScript, C
Technologies & Tools: Wireshark, Metasploit, Kali Linux, Burp Suite, Networking, OpenRouter, AWS, EC2, PyTorch, TensorFlow, Fine-tuning, MCP, AI agentic frameworks, LLM, Git, GitHub, Docker, Image Segmentation, RAG, Vector databases, REST APIs, WebSockets, Nginx, Postman, Anaconda, Flask, FastAPI, Node.js.

Projects

○ **ClarirAI:**
Project Description: Developed a machine learning platform for detecting diabetic retinopathy from retinal images. Integrated an AI-powered consultation feature, allowing healthcare professionals to ask medical questions and receive personalized insights based on image analysis.
○ **Project Honeypy:**
Project Description: Implemented Project Honeypy, a Python-based honeypot designed to simulate SSH and HTTP services. The honeypot logs connection attempts and user actions to gather data for cybersecurity research. The project allows for customizable initialization with arguments for IP, port, username, and password. It provides valuable insights into potential attacker behavior and helps in understanding various attack vectors.
○ **Face Recognition Security System:**
Project Description: Developed a Flask-based security app with real-time face detection using Mediapipe and SMS alerts via Twilio, featuring live video streaming, unknown face detection, and image upload support through a web interface.