SANTHIYA B

AI/ML Developer | React & Python Developer
+91 80726 81796 | ssandhiya252@gmail.com
LinkedIn | GitHub

SUMMARY

Built **50+ real-world AI and full-stack applications** from idea to deployment, delivering measurable impact and **polished user experiences**. Skilled in **quick delivery** and **real-world results**.

EXPERIENCE

Intern at Corizo   **April 2024 − May 2024**
Role - Web Developer   *India*

- Developed **responsive web applications** using **React, HTML, CSS, and JavaScript**.
- Gained practical experience in **frontend development** and **UI/UX best practices**.

Intern at ACTECH Software   **July 2025 − Sept 2025**
Role - Software Intern   *India*

- Built and deployed multiple AI powered apps like **MikeAI, Emp360, Passportpro** etc.
- Worked on projects for **Decision Minds**, leveraging Replit, Cursor and AI platforms to accelerate development and deliver solutions.

PROJECTS

AI Course & Certification Recommender ↗ | Python, NLP, ML

- Users needed **personalized course** and **certification suggestions** based on skills and goals.
- Used **embeddings** to match user profiles with the most relevant courses by analyzing skills and requirements.
- Generated a **ranked recommendation list** with short-term and long-term learning plans.

Client Querry Management System ↗ | Python, Streamlit, MYSQL, Data Analytics

- Query updates were scattered with **lack of real-time visibility**.
- Built a **Streamlit dashboard** connected to **MySQL** for live monitoring and status updates.
- Centralized queries with **faster access** and **real-time monitoring**.

Restaurant Recommendation System ↗ | Scikit-learn, Pandas, NumPy, Clustering

- Users needed a way to filter restaurants using **similarity-based filtering**.
- Implemented **clustering** and **similarity scoring** using the **Swiggy dataset**.
- Generated **ranked recommendations** based on **user preference satisfaction**.

Multiclass Fish Image Classification ↗ | Tensorflow/Keras, CNN, Transfer Learning, Computer Vision

- Manual fish species identification is **highly inaccurate and slow** for fisheries and marine research.
- Trained a **CNN model** with **transfer learning** and deployed via **Streamlit** for instant inference.
- Achieved instant **high-precision classification** from uploaded images.

TECHNICAL SKILLS

Languages: Python, JavaScript
Web & Backend: React, Node.js, Streamlit, HTML, CSS
Database: MySQL, PostgreSQL
AI/ML: Machine Learning. Deep Learning, Computer Vision, NLP, LLMs, Generative AI, EDA, Feature Engg, Model Evaluation
Tools & Platforms: Git, GitHub, VS Code, Power BI, Replit, Cursor, LoveableAI

EDUCATION

B.Tech − Electronics and Communication Engineering, CGPA : 8.62   **May 2021 - Jun 2025**
Sri Manakula Vinayagar Engineering College   *Puducherry, India*

CERTIFICATIONS

- **GUVI** – Python | **Saylor Academy** – Software Engineering | **NPTEL** – DBMS (8 weeks) | **Forage** – Cybersecurity Job Simulation