SANTHIYA B

AI/ML Developer | React & Python Developer
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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 **Mike AI, Emp 360, Passportpro** etc.
- Worked on projects for **Decision Minds**, leveraging Replit, Cursor and AI platforms to accelerate development and deliver solutions.

PROJECTS

Wikipedia Search Application ↗ | HTML, CSS, Bootstrap, JavaScript, Fetch API, Browser developer tools

- Accessing curated Wikipedia data requires multiple steps and inconsistent navigation.
- Implemented a **custom search engine UI** using **async Fetch API** and **responsive web architecture**.
- Enabled **high-speed search engine** with **clean result rendering** and **multi-device accessibility**.

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

- Query tracking was inefficient due to scattered data and lack of real-time visibility.
- Engineered an **analytics dashboard** integrating **MySQL + Streamlit** for **live monitoring** and updates.
- Optimized **support workflow efficiency** with **automated insights** and improved **resolution time**.

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

- Users struggle to identify the best restaurants due to large search space and unclear filtering.
- Developed an **AI-based recommendation engine** using **clustering** and **similarity scoring** with Swiggy dataset.
- Delivered **personalized ranking results**, improving **decision speed** and **user 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.
- Built a **CNN model** with **transfer learning** and deployed **real-time inference** through Streamlit.
- Achieved instant **high-precision classification** from uploaded images, **automating manual workflows**.

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)