

SAI VIGNESHWARAN A

Aspiring Software Engineer | AI Enthusiast

Details:

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Links: [LinkedIn](#) | [Github](#) | [LeetCode](#) | [MyPortfolio](#)

PROFILE

Aspiring Software Engineer specializing in AI and web development. Proficient in Python, Java, and front-end technologies (HTML, CSS, JavaScript). Experienced in building ML models for healthcare and telecom applications using Scikit-learn, TensorFlow, and Streamlit. Passionate about creating user-focused, data-driven solutions.

SKILLS

- **Languages:** Java, Python
- **Web Development:** HTML, CSS, JavaScript
- **Tools:** VSCode, Eclipse, Github, Firebase, MySQL
- **Framework:** React, TensorFlow, Streamlit, Scikit-learn
- **Soft Skills:** Team Collaboration, Project Ownership, Critical thinking

EDUCATION

- B.E in CSE at Kongunadu College of Engineering and Technology, Trichy | 2022 – 2026 | CGPA: 7.22
- HSC – 78.3%, Mount Zion Matric Hr. Sec. School, 2022
- SSLC – 69.2%, Mount Zion Matric Hr. Sec. School, 2020

INTERNSHIPS

- **Websino Technology | February 2024 -** Built 5+ responsive web pages with HTML, CSS, JavaScript, and React, improving UX. Enhanced site load time by 15% through collaborative UI design and Git version control.
- **CyberMind Works Pvt Ltd | June - July 2024 -** Trained TensorFlow ML models for sentiment analysis, achieving 80% accuracy. Preprocessed data with Pandas, applying cleaning and feature engineering techniques.

COURSES

- AWS Certified Cloud Practitioner – **Amazon Web Services**
- JavaScript Under The Hood – **codedamn**
- Principles of Generative AI – **Infosys Springboard**

PROJECTS

- **Heart Disease Prediction Using ML** - Built ML model with Scikit-learn, achieving 85% accuracy in predicting heart disease. Used logistic regression and SVM on patient data for early detection.
- **Customer Churn Prediction Using ML** - Developed churn prediction system with XGBoost and SMOTE, reaching 90% accuracy. Reduced telecom churn by 10% in simulations via retention strategies.
- **EduMate AI: Academic Assistant** - Built a Python (Streamlit) web app as a personalized academic assistant for students. Integrated LLMs and RAG to provide tailored academic resources and intuitive tools. Deployed on Netlify.

ACHIEVEMENTS

- Successfully qualified for Round 2 of TCS CodeVita Season 12.

HOBBIES

- Contributing to open-source AI and ML projects.
- Exploring generative AI and large language models.
- Building web applications with modern frameworks like React.