

Aadhav Manimurugan

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EDUCATION

University of Texas at Dallas

Aug. 2022 – May 2026

Bachelor of Science in Computer Science

Richardson, TX

- Coursework: Data Structures & Algorithms, Probability and Statistics, Computer Architecture, Software Engineering, Linear Algebra, Systems Programming in UNIX, Intro to Machine Learning

PROJECTS

SaaS Match

Oct. 2024 – Present

Python, React, Flask, MongoDB, Firebase

- Developed a **REST API** using **Python, Flask, and MongoDB** for seamless data storage and retrieval
- Designed a dynamic, responsive frontend using **React**, ensuring an intuitive and seamless user experience
- Integrated **Firebase** for **user authentication** to enable secure login and registration

Fantasy Premier League Points Predictor

Nov. 2024 – Present

Python, Javascript, Sklearn, React, Tailwind

- Created an **AI model** using **Python, Pandas, Joblib, and Scikit-learn** to predict stats for nearly **700 Premier League players**
- Developed a “Team of the Week” feature that achieves a **15-point improvement** over the average
- Uses **AWS** to automate daily using updated data to maintain weekly relevance and accuracy

Personal Portfolio Website

Dec. 2024 – Present

HTML, Javascript, CSS

- Created a visually appealing design using **CSS and JavaScript**, ensuring compatibility across devices and browsers
- Implemented interactive features such as a navigation bar, animations, and project showcases

AI Chatbot

Aug. 2024 – Present

Python, NLTK

- Developed an AI chatbot capable of interacting with users and providing relevant information
- Implemented **machine learning models** to understand and respond to user queries

EXPERIENCE

Texas Family Fitness

May 2024 – Aug. 2024

Fitness Consultant/Sales Associate

Coppell, TX

- **Exceeded sales goals** by surpassing monthly sales targets for memberships and supplements
- Collaborated with fellow sales associates to develop strategies that achieved a **20% increase** in sales over a three-month period

ACTIVITIES

Kappa Theta Pi

- Joined a professional technology fraternity to collaborate with members to host technical events, enhancing community engagement and professional growth
- Contributed to coding projects and initiatives, gaining hands-on experience in various languages and frameworks

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, CSS, HTML

Frameworks: React, Node.js, Flask, Tailwind, Sklearn, MongoDB, SQLite, Firebase

Developer Tools: Git, Thunderclient, Postman, VS Code, Figma, MS Office, Netlify, AWS

Libraries: Pandas, NumPy, Joblib, TensorFlow, NLTK