Vamsi Mannava

408-759-0434 | mannavavamsi03@gmail.com | linkedin.com/in/vamsi |

EDUCATION

California State University Fullerton   Fullerton, CA
Bachelor of Science in Computer Science, GPA:3.7   *Aug. 2021 – May 2025*

EXPERIENCE

Student IT Consultant   July 2024 – Present
California State University Fullerton Information Technology Department   *Fullerton, CA*
- Provided technical support to students and faculty via in person and remote support, addressing software, hardware, and network concerns
- Delivered high quality customer service, ensuring efficiency and proficiency in all client-side interactions
- Resolved and responded to hundreds of tickets using Service Now
- Checked out equipment for student use, and maintained proper inventory control

CIC-PCUBED   2023,2024
California State University Fullerton   *Fullerton, CA*
- Developed a heart disease predictor using machine learning algorithms
- Processed and analyzed data to identify key risk factors in the development of Heart Disease
- Demonstrated proficiency in data science libraries such as pandas, scikit-learn, and matplotlib for model development and visualization.
- Achieved high accuracy for early detection of heart disease through validation techniques and the creation of various machine learning models

PROJECTS

Dungeon Dweller | *HTML, Javascript, CSS, Node.js*   July 2024 – Present
- Developing a full-stack roll20 clone equipped with features to virtually host every component of Dungeons and Dragons including: real time live chat and enabled voice chat,
- Designed and built responsive, interactive user interfaces for game board creation and character management, ensuring a seamless user experience across devices.
- Integrated secure authentication and user management with OAuth.
- Facilitated team coordination and code version control using Github to ensure progress at the end of sprints remained steady and smooth

University Database | *SQL, PHP, HTML, CSS*   2022
- Created a scaled-down version of a university database involving the following entities: Course, Professor, Student, Section, Enrollment Record
- Designed and implemented ER Diagram and Relational Schema model using SQL language to create tables for entities, values, and perform queries
- Created website using HTML and PHP script to take in user input to perform queries

FitFix | *Python, Javascript, HTML, CSS*   2022
- Created a locally hosted full-stack workout website equipped with features: create diet, create a workout schedule, find a workout buddy, calculate BMI
- Designed and implemented the database of the website creating the SQLite3 tables and entries
- Assisted in designing the endpoint API in Flask to connect the backend and frontent of the website

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript, HTML, CSS, R
Frameworks: React, Node.js, Flask, JUnit
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Eclipse
Libraries: pandas, NumPy, Matplotlib