DWARAMPUDI VAMSI REDDY

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Overview

Aspiring Front-End Developer with a strong foundation in HTML, CSS, JavaScript, React, and responsive design. Skilled in integrating APIs, using modern frontend frameworks, and continuously learning the latest web technologies to build impactful and scalable web applications.

Education

University College Of Engineering Kakinada, B.Tech in Computer Science   Nov 2021 – May 2025
- GPA: 8.1/10.0

Sasi Junior College, MPC   June 2019 – May 2021
- Marks: 970/1000

GSR Vidyalayas, Secondary   June 2018 - April 2019
- Cgpa: 10/10

Experience

Software Development Engineer Intern, Stokhos   June 2025 – Present
- Developed a full-stack stock market dashboard using **React.js**, Redux Toolkit, and **Flask**, visualizing real-time OI, strike prices, and price movements.
- Built dynamic UI with **React Hooks (useState, useEffect)** and handled async data flow using Redux Thunk for smooth state and API management.
- Created Python-based **Flask APIs** to process live data **(ZeroMQ)** and served it efficiently from a SQLite backend.

SDET Intern, o9 Solutions   Feb 2025 – June 2025
- Collaborated with developers to write and maintain **automated and manual test cases** ensuring quality across web-based platforms by using **RobotFramework**.
- Reported and tracked bugs using internal tools, and contributed to enhancing test coverage and efficiency.

Full-Stack Web App
- Built a responsive single-page application using **React**, **TypeScript**, and **React Hooks**; managed global state with **Redux Toolkit**.
- Integrated real-time news from **NewsData API**, handled asynchronous logic with **Redux Thunk**, and dynamically rendered categorized content.

Movie Recommendation System
- Built a collaborative filtering-based recommendation engine in **Python**, utilizing **user-based and item-based algorithms** to provide personalized suggestions.
- Enhanced accuracy by analyzing user ratings and similarity scores across a dataset of movie interactions.

ACHIEVEMENTS AND CERTIFICATES

Smart Interviews - Data Structures and Algorithms (Silver Certificate)
Best academic performance award - 2023
Solved 550+ DSA problems in GFG
Cloud Computing - Nptel

Skills

Programming Languages: C++, C, Python, HTML, CSS, JavaScript, TypeScript

Frameworks/Tools: React.js, Next.js, Robot Framework, Git

Databases: SQLite, MySQL

Core Areas: Data Structures and Algorithms,Machine Learning, Full-stack Development, Automation Testing