VAITHEESWARAN S

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Rasipuram,Namakkal

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GITHUB:
https://github.com/Vaitheeswaran-18

EDUCATION

Government college of Technology,Coimbatore .
2024-2027

MuthayamMal polytechnic college, Rasipuram -
2024 - 96.8%

Vetri Vikkas public school, Rasipuram
- 2022

SKILLS

- Frontend Development
- Networking
- OS Linux & Windows
- IDE - VScode,Netbeans, Anaconda
- Programming_ HTML,CSS,JAVA,JS,PHP
- Framework - React,nodejs
- Tools - GitHub,Git, Chatgpt
- Database - MongoDB,MYSQL

INTERNSHIP

MEE Techology, Salam
C# Language
Duration: 1 Month

ABOUT ME

L am a passionate and detail-oriented Front-End Developer with a strong foundation in building responsive, user-friendly websites and web applications. Proficient in HTML, CSS, JavaScript, and modern frameworks like React, I enjoy turning ideas into visually appealing and functional digital experiences. I have hands-on experience with UI/UX design principles, version control using Git, and tools like Figma and Tailwind CSS.
I am a quick learner with a creative mindset, strong problem-solving abilities, and a collaborative approach to development. I'm eager to contribute to real-world projects, continuously grow my skills, and be part of a forward-thinking team that values innovation and clean design.

PROJECT

IOT - Smart car parking system

Designed and developed an IoT-enabled smart parking system to monitor and manage parking slots in real-time. Utilized sensors to detect vehicle presence and microcontrollers (e.g., Arduino/ESP8266) for data processing and communication. Integrated the system with a web/mobile interface to display available slots and streamline the parking process.
Tech Used: IoT, Sensors, Arduino/ESP8266
Key Outcome: Improved parking efficiency, reduced congestion, and enabled remote monitoring of slot availability.

Credit fraud detection

Developed a machine learning model to detect fraudulent credit card transactions using the Random Forest algorithm. Preprocessed and analyzed real-world transaction data to identify anomalies and patterns indicative of fraud. Achieved high accuracy and precision in classification through feature selection and model tuning.
Tech Used: Python, Pandas, Scikit-learn, Random Forest, Jupyter Notebook, Matplotlib/Seaborn
Key Outcome: Successfully built a predictive model capable of identifying fraudulent activities with strong performance metrics (accuracy, precision, recall).

Banking application

Developed a full-stack banking application named VIP Bank to manage user accounts, transactions, and secure banking operations. Implemented core banking features such as user authentication, balance inquiry, money transfer, transaction history, and account management.

Frontend: Built using React, HTML, and CSS for a responsive and user-friendly interface.
Backend: Developed using Java for business logic and MySQL for secure data storage and management.
Key Outcome: Delivered a seamless and secure digital banking experience with a focus on performance, data integrity, and usability.