VIGNESH S
Data Analyst/Frontend Developer

Contact

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Profile

A passionate student with strong skills in Data Analysis & Full stack Development. Proficient in frontend technologies, with the ability to integrate AI models into web applications to solve real-world problems. I build modern web applications with clean UI. I am also known for my strong leadership, communication, teamwork, and problem-solving skills, along with a passion for learning new technologies.

Skills

Programming Languages:
Python, JavaScript, Java Basics

AI/ML Technologies:
TensorFlow, PyTorch, Scikit-Learn, NLP, OpenAI API

Web Development:
HTML5, CSS3, React.js, MUI, Node.js, Express.js, Python Flask

Tools & Platforms:
Git, GitHub, VS Code, Render, Netlify, Anaconda, Power BI, Tableau ,Figma

Database Management:
MongoDB, MySQL, PostgreSQL

Hosting & Deployment:
Render (Backend), Netlify (Frontend), RESTful APIs

PROJECTS

AI Based Blind Stick

Developed a web application using CNN and Implemented Ai predicting objects using the camera by CV2 module.

Smart Supply Chain Management System:

Developed a web application with separate dashboards for employees and managers. Integrated AI models to track real-time location, visualize inventory levels, and forecast future demand using predictive analytics.

Disease Detection by AI:

Built a web application with Support Vector machine which predicts the disease with cell Microscopic Images.

INTERNSHIP

Full Stack Development Intern (Offline), CodeBind Technologies | March 2024 to April 2024 Gained hands-on experience on Built web applications and improved problem-solving abilities.
UI Freelance (Online), Upwork |Part time

CERTIFIED SKILLS

- Frontend Web Development – Udemy
- Python Flask - Guvi
- Python Programming – Guvi
- Power BI – Guvi
- SQL Master – Learntube.Ai

Education

Er. Perumal Manimekalai College of Engineering, Hosur
2022 – Present
B. Tech in Artificial Intelligence and Data Science, with a CGPA of 9.41 (Pursuing)

Agasthiya Vidyalaya Matric Hr Sec school
2018– 2020
Higher Secondary, completed with 74%