Pranava Muthu

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Profile

Certified MERN Stack Developer with a strong foundation in full-stack web development. Experienced in building dynamic web applications and providing technical mentorship. Proficient in managing both frontend and backend systems, integrating secure payment gateways, and implementing role-based access control. Skilled in mentoring and collaborative projects.

Education

Bharathidasan University, Master of Computer Applications (MCA)   2022 – 2024

JJ College of Arts and Science

- CGPA: 6.96 (a link to somewhere)
- **Coursework:** Programming Languages, Database Management Systems (DBMS),Computer Networks, Computer Networks,Object-Oriented Programming (OOP),Software Engineering.

Alagappa University, Bachelor of Science in Physics, Ananda College   2018 – 2021

- CGPA: 7.86 (a link to somewhere)

Technical Skills

Frontend: React.js, HTML5, CSS3, JavaScript (ES6), Bootstrap 5, Formik, Redux, Context API

Backend: Node.js, Express.js, MongoDB, MySQL, Firebase, JWT, Bcrypt.js , REST APIs, CRUD Operations, Authentication and Authorization

Version Control: Git, GitHub

Deployment: Netlify,Render

Payment Integration: Stripe

Work Experience

Internship – Guvi, Mentor – Naan Mudhalvan Program   Aug 2024 – Nov 2024

- Taught college students Git, GitHub, and full-stack web development.
- Managed 50 students at Mahindra Engineering College and Anna University.

Freelancer, Full-Stack Developer   Present

- Ongoing Project: E-commerce Site
- Developing an e-commerce platform using the MERN stack
- Responsible for building a secure payment system, product management, and user authentication

Projects

Hotel Management Booking System   github.com/Booking System

- Implemented booking, room availability, and secure payment handling.
- Tools Used: MERN Stack,Redux,Bootstrap 5, Formik,Firebase, JWT, Bcrypt.js, payment integration Stripe, REST APIs, CRUD Operations, Authentication and Authorization

Location-Based Market Hub (Farming)   github.com/Farming

- Created a platform for farmers to connect with buyers based on location.
- Tools Used: MERN Stack, Tailwind CSS, Flowbit,Firebase, JWT, Bcrypt.js, REST APIs, CRUD Operations, Authentication and Authorization, geospatial queries.