

Praveen N

Phone: +91 9150782176 | Email: praveennagaraj76@gmail.com

LinkedIn : <https://www.linkedin.com/in/praveen-nagaraj-a8b956219/> | Portfolio : <https://portfolio-praveen.netlify.app/> | Github : <https://github.com/PraveenNagaraj77>

Professional Summary

Full-stack developer with an M.Tech in Software Engineering, skilled in building scalable, high-performance products with a focus on user experience. Experienced in solving complex challenges and integrating third-party APIs seamlessly into robust software solutions. My approach emphasizes innovation and user-centric design, ensuring that solutions align with business objectives. Passionate about driving product optimization and enhancing functionality in dynamic environments. Dedicated to delivering impactful results that support business growth and success

Professional Experience

- **Post Graduate Engineer Trainee — HCL Technologies, Chennai (August 2022 - July 2023)**
 - Transformed raw data into intuitive reports using .NET, ReactJS and SQL.
 - Developed interactive dashboards for project insights, reducing data analysis time by 20%.
- **Programmer Analyst Intern — Cognizant, Chennai (February 2022 - July 2022)**
 - Completed comprehensive training in Java full-stack development.
 - Implemented Pet Clinic Spring Boot Application using Java and Angular.
- **Intern — Tech-Citi Software Consulting Private Limited, Bangalore (June 2020 - July 2020)**
 - Developed an E-Cab Booking System, enabling real-time cab reservations.

Education

- Vellore Institute Of Technology, Vellore — M.Tech, Integrated Software Engineering | August 2022 | CGPA: 8.33
- Cluny Matriculation Higher Secondary School, Vellore — HSC | April 2017 | Percentage: 74%
- Cluny Matriculation Higher Secondary School, Vellore — SSLC | April 2015 | Percentage: 90%

Technical Skills

- Frontend: HTML, CSS, JavaScript, ReactJS
- Backend: NodeJS, Java, SQL
- Programming : DSA,OOPS
- Frameworks: TailwindCSS, Bootstrap
- Technologies: MongoDB, ExpressJS, MERN Stack
- Tools: Git, GitHub, API Integration

Projects

Food Delivery - Zwiggy | [Live Demo](#)

- Developed a food delivery application using the MERN stack with order placement, payment integration, and admin management functionalities. Faced challenges with handling complex user flows like order management and payments, which required robust backend and frontend synchronization.
- Solved these issues by modularizing the architecture, integrating Stripe API for secure payments, and implementing role-based access for admin functionalities, ensuring seamless interactions between users, admins, and the system.

Netflix Clone | [Live Demo](#)

- Built a responsive web application using ReactJS, integrating TMDB API for video content and Firebase for authentication. The primary challenge was managing a large amount of media data and ensuring efficient real-time user interactions.
- Overcame this by implementing lazy loading for video thumbnails to optimize performance and used Firebase for secure, real-time authentication, resulting in smooth video playback and quicker API data retrieval.

Crypto Price Tracker | [Live Demo](#)

- Created a ReactJS application displaying the top 10 cryptocurrencies with a search function for viewing individual cryptocurrency data through an integrated API. Faced the issue of handling real-time data updates and managing large datasets efficiently.
- Addressed this by using React's state management and implementing debouncing to prevent API overload during searches, optimizing API calls to ensure smooth real-time data display and enhanced user experience.

MERN CRUD App | [Live Demo](#)

- Developed a CRUD application using the MERN stack, allowing users to add, update, and delete posts with data stored in MongoDB. Encountered challenges with maintaining data consistency across operations and providing a seamless user experience.
- Resolved the challenges by implementing Mongoose for schema validation and using optimistic UI updates for immediate feedback, ensuring smooth asynchronous backend processing for user actions like adding, updating, and deleting posts.

Languages:

- English (Fluent)
- Tamil (Native)

Interests:

- Fullstack Development