

Manikandan B

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack MERN Developer with **2+ years of experience** building scalable web applications using **React, Next.js, Node.js, FastAPI, and MongoDB**. Strong in frontend performance, API integrations, payments, and SaaS product development. Experienced in startup environments and focused on delivering clean, maintainable, user-centric solutions.

TECHNICAL SKILLS

Language: Javascript, Typescript, Python, Java (Basic)

Frontend: HTML5, CSS3, JavaScript (DOM), React.js, Next.js, React Hook Form, TanStack Query, Bootstrap, Tailwind CSS, Angular (Basic), Vue (Basic)

Backend: Node.js (Express), FastAPI, Flask, REST APIs, Springboot (Basic)

Database: MongoDB, MongoDB Aggregation, PostgreSQL, MariaDb

Tools & Others: Git, Firebase, Chrome Extension Development, AWS (Basics), Linux, AI/ML (Basic)

PROFESSIONAL EXPERIENCE

Full Stack Developer

Apr 2025 – Dec 2025

[i2Global Virtual Learning](#)

Chennai, India

- Integrated Razorpay payment gateway and Google Maps API to display route and distance details, helping simplify billing and reduce manual calculation efforts by 30%.
- Engineered secure and scalable backend services using FastAPI.
- Deployed full-stack features using React, Next.js, FastAPI, and MongoDB, boosting workflow efficiency by 25% and enhancing application performance.

Product Engineer

Apr 2024 – Mar 2025

[Siara Tech Solutions \(NOT AEC\)](#)

Chennai, India

- Architected AEC SaaS modules (Procurement, Asset, Invoicing) using TypeScript, TypeORM, React.js, and AWS.
- Created a Chrome Extension to import product data directly into the SaaS platform, cutting manual data entry by ~35% and saving 8–10 hours per week for end users.

Web Application Developer Trainee

Aug 2023 – Dec 2023

[Novalnet e-solutions Pvt. Ltd.](#)

Chennai, India

- Built dynamic web features using Node.js, MySQL, and jQuery, optimizing page response time by ~15% and enhancing user interaction.
- Optimized backend APIs and reusable UI components, reducing feature development time by ~20% and improving code maintainability.

Graduate Engineer Trainee

Jul 2022 – Jul 2023

[HCL Technologies](#)

Chennai, India

- Completed hands-on training in HTML5, CSS3, JavaScript (DOM), and React.js, building responsive UI components through structured practice projects.

PROFESSIONAL LINKS

- Portfolio: <https://portfolio.nameismani.com>
- Personal Assistant: <https://personal-assistant-sigma-ashen.vercel.app>

KEY PROJECTS

TestPrep – E-Learning Platform

- Built course purchases, live/recorded sessions, subscriptions, and real-time chat.
- **Tech:** React, Next.js, FastAPI, MongoDB, Razorpay

School Transport Management App

- Developed route mapping, KM-based distance calculation, and cost estimation.
- **Tech:** React, Google Maps API, FastAPI

EDUCATION

BE – Mechanical Engineering, Panimalar Engineering College, Chennai — **2022**

INTERESTS

- Learning new technologies
- Solving challenging problems
- Building real-world products end to end