

Aarthi R

Full Stack Developer(MERN)

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🐙 github.com/Aarthi1720

🔗 my-portfolio-six-opal-77.vercel.app

Professional Summary

Certified Full Stack Developer (MERN) through IIT-M Pravartak GUVI – **Full Stack Development with AI Tools**. Hands-on experience in **React, Node.js, Express, REST APIs and MongoDB**, with 15+ deployed projects including **Hotel Booking System, Invoice Builder, and Smart Expense Tracker**. Skilled in building **scalable apps, secure authentication, and modern UI/UX**. Eager to contribute technical expertise and creativity in a fast-paced development role

Technical Skills

Frontend: React, JavaScript (ES6+), HTML5, CSS3, TailwindCSS

Backend: Node.js, Express.js, REST APIs

Database: MongoDB (Atlas, Compass), MySQL

Tools & Platforms: Git, GitHub, Postman, Vercel, Render, Netlify

AI Tools: ChatGPT, Copilot (for code assistance & productivity)

Extras: Stripe, Cloudinary, JWT, jsPDF, html2canvas, Nodemailer, Recharts

Soft Skills: Problem-Solving, Teamwork, Communication, Adaptability

Projects

Hotel Booking System (Capstone Project) – MERN, Stripe, TailwindCSS, JWT, Cloudinary, MongoDB 🔗

- Built full-stack booking platform with search, filters, loyalty coins, and verified reviews.
- Integrated **REST APIs** for authentication, booking flow, and payments.
- Designed mobile-first UI and secure backend with Stripe, JWT, and Nodemailer.

Invoice Builder – MERN, jsPDF, TailwindCSS, MongoDB 🔗

- Developed invoice app with **CRUD for invoices/clients/products** and real-time calculations.
- Implemented **REST APIs** for invoices, clients, and company management.
- Added offline storage, PDF export (jsPDF + html2canvas), and toast notifications.

Smart Expense Tracker – MERN, Recharts, TailwindCSS, MongoDB 🔗

- Created personal finance tracker with **filters, charts, and reports**.
- Built **REST APIs** for income/expense CRUD with MongoDB Atlas persistence.
- Responsive dashboard with Recharts visualization and context-based state.

Education

B.E. Biomedical Engineering, Kings Engineering College

CGPA: 8.5/10

2019 – 2023

Chennai

Certificates

- IIT-M Pravartak GUVI – **Full Stack Development with AI Tools** (2025)
- GUVI Module Certifications: HTML, CSS, JavaScript, React, Node.js, Database - MongoDB, SQL (MySQL)

Achievements

- Completed **12 GUVI tasks, multiple mini-projects, and 1 capstone** with **10/10 scores**.
- Solved **250+ coding problems** on GUVI Codekata.
- Built & deployed **portfolio and 15+ GitHub projects**.