# Aarthi R

## Full Stack Developer(MERN)

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## 🧩 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, 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
**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 end-to-end booking platform with **search, filters, loyalty coins, reviews**.
- Integrated **Stripe payments, OTP login, and admin ID verification**.
- Designed **mobile-first UI/UX**, deployed on **Vercel & Render**.

**Invoice Builder – MERN, jsPDF, TailwindCSS, MongoDB** 🔗
- Developed invoice app with **CRUD for invoices/clients/products**.
- Implemented **PDF export + offline support** using jsPDF & html2canvas.
- Optimized UX with toast notifications and responsive design.

**Smart Expense Tracker – MERN, Recharts, TailwindCSS, MongoDB** 🔗
- Created personal finance tracker with **filters, charts, and reports**.
- Enhanced into a scalable app with **persistent data + visual insights**.
- Used **Recharts for reports**, deployed on **Vercel + Render**.

## 🎓 Education

**B.E. Biomedical Engineering,** *Kings Engineering College*                                    2019 – 2023
**CGPA:** 8.5/10                                                                                                              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**.