

# Aarthi R

## Full Stack Developer(MERN)

✉ aarthirajendran1705@gmail.com

☎ 9360556326

📍 Karur, Tamil Nadu

🌐 [linkedin.com/in/aarthi-r-66944628a](https://www.linkedin.com/in/aarthi-r-66944628a)

🐙 [github.com/Aarthi1720](https://github.com/Aarthi1720)

🔗 [my-portfolio-six-opal-77.vercel.app](https://my-portfolio-six-opal-77.vercel.app)

### Professional Summary

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Certified **Full Stack Developer (MERN)** through **IIT-M Pravartak GUVI – Full Stack Development with AI Tools**. Hands-on experience in building scalable web applications using **React, Node.js, Express, and MongoDB**. Developed **3 full-stack projects** and completed **12 module-based tasks** covering both frontend and backend integration.

Skilled in **secure authentication, responsive UI/UX, and RESTful API development**.

Eager to apply technical expertise and creativity in a collaborative, growth-oriented team environment.

### Technical Skills

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**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

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

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

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

### Projects

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#### 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 using Stripe.
- Designed a secure, mobile-first UI with JWT authentication and automated email notifications via Nodemailer.

#### Invoice Builder – MERN, jsPDF, TailwindCSS, MongoDB 🔗

- Developed a responsive invoice management app with CRUD for clients, products, and invoices.
- Implemented **REST APIs** for data persistence and integrated jsPDF + html2canvas for PDF exports.
- Added toast notifications, and local storage syncing for seamless user experience.

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

- Created a personal finance dashboard with **filters, charts**, and reports using **Recharts**.
- Built **REST APIs** for income/expense CRUD with MongoDB Atlas persistence.
- Implemented context-based state management for dynamic data updates.

### Education

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**B.E. Biomedical Engineering, Kings Engineering College**

**CGPA:** 8.5/10

2019 – 2023

Chennai

### Certificates

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- 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

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- Completed GUVI Full Stack MERN program with a 10/10 Capstone score.
- Built and deployed 3 full-stack web applications.
- Solved 250+ coding problems on GUVI CodeKata.