

MADHAVAN V

FULL STACK DEVELOPER - MERN

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PROFESSIONAL SUMMARY

Versatile and highly motivated Full Stack MERN Developer with expertise in both Frontend and Backend Technologies including React, Node.js, Express.js and MongoDB. Skilled in building dynamic, scalable web application and delivering efficient full stack solutions. After three years of experience in a non-IT Role, seeking to pivot my career into Entry Level Full Stack Development role to leverage my technical skills and contribute to high impact projects.

EDUCATION

Bachelor of Computer Science Engineering 2014-2018

RRASE College of Engineering, Chennai
(Affl. to Anna University)

- GPA: 7.41

EXPERIENCE

IT Faculty | May 2023 - Aug2024

MM Vidyashram Senior Secondary School, Kovilpatti.

System Engineer | Jul 2019 - May 2021

Shrikarra Vidhya Mandhir Senior Secondary School, Kovilpatti.

TECHNICAL PROJECTS

Flight Booking and Reservation System | Dec 2024

Website: <https://bookyourticketguvi.netlify.app>

- Technologies Used :** MERN Stack (React.js & Tailwind CSS for the Frontend, Node.js and Express.js for the Backend and MongoDB for Database), Razorpay for Payment Integration, Amadeus API for Real Time Airline Updates and Github, Netlify & Render for Deployment.
- Description :** Developing a comprehensive system for booking and reserving flights, including features for searching flights, comparing prices, and managing bookings and real-time updates.
- Outcome :** A Solid Experience in developing a Full Stack MERN Application and also integration of third party APIs such RazoryPay and Amadeus API which helped understanding what kind of challenges that can appear while developing a full stack application.

Restaurant Table Booking System | Jan 2025

Website : <https://restaurantbookingclient.netlify.app>

- Technologies Used :** MERN Stack (React.js & Tailwind CSS in the Frontend, Node.js and Express.js in the Backend and MongoDB for Database).
- Description :** Designing and Developing a responsive user-friendly restaurant table booking System.
- Outcome :** A Full Stack Application for a Hotel Booking System which is highly responsive and implemented CRUD Operations.

Password Reset Flow | Nov 2024

Website: <https://passwordresetflowapp.netlify.app>

- Technologies Used :** MERN Stack (React.js & Tailwind CSS in the Frontend, Node.js and Express.js in the Backend and MongoDB for Database) and Nodemailer for Email Purpose.
- Description :** The project is to implement a correct password reset flow with email verification and proper update of the new password in the database for the web app.
- Outcome :** Understanding the authentication of the users who are accessing and securing & Supporting the app with Password Protection.

SKILLS

Front End

- HTML5
- CSS3 & Tailwind CSS
- Javascript (ES6+)
- React.js, Redux
- Responsive Design (FlexBox, Grid)

Back End

- Node.js
- Express.js
- Python (Basics)
- Java (Basics)
- API Design & Integrations

Datbase

- MongoDB (NoSQL) - Atlas, Mongoose
- MySQL (SQL)

Coding Support

- VS Code
- Github - Git Version Control Systems
- Testing & Debugging
- Designing Schemas & Performing CRUD Operations

CERTIFICATIONS

- IIT-M Pravartak certified Full Stack Development (MERN) Course with AI Tools | Guvi Geek Networks