

# RAJAN MANDAL

Aspiring FullStack Developer

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## Summary

I am an aspiring Full Stack Developer with a strong foundation in building scalable and secure web applications. My proficiency in the MERN stack (MongoDB, Express.js, React, and Node.js) combined with a solid understanding of authentication and RESTful APIs enables me to create efficient solutions. I am dedicated to continuous learning and adept at problem-solving, excelling in Data Structures and Algorithms.

## Skills

- Languages:** C/C++, OOps, PHP, JavaScript, Node.js, Sql, HTML, CSS.
- Frameworks:** React.js, Redux, Express.js, TailwindCss, BootStrap.
- Cloud/Database/Tools:** MongoDB, MySql, Rest, Websocket, Git, GitHub, Docker, Postman, render, vercel, VScode, cursor.

## Projects

### Job Portal

09/2025 - 10/2025

A comprehensive job portal that connects job seekers with companies for recruitment and career advancement

- Built a MERN job portal with role-based authentication using JWT, bcrypt, and **REST APIs**.
- Developed a responsive React + **Tailwind** UI with protected routes and **Cloudinary/Multer** uploads.
- Created recruiter dashboard for job posting, applicant management, and advanced search with filters.
- Optimized backend with **MongoDB**, **Express** middleware, httpOnly cookies, error handling, and deployed on Render.

### Blog Application

03/2025 - 04/25

A secure and responsive MERN-based Blog Application with admin controls, optimized UI, and scalable backend APIs.

- Built a full-stack MERN Blog Application with smooth blog viewing and reading features.
- Implemented a secure Admin Panel using **JWT**, role-based access, and Bcrypt for content management.
- Designed a fast, responsive UI with React + Tailwind CSS.
- Developed scalable backend APIs with **Express.js** and **MongoDB** for efficient data handling.

### Online Discussion Forum

A secure and responsive PHP-MySQL discussion platform with Q&A and user authentication.

- Developed a PHP-MySQL discussion forum with Q&A features.
- Added secure Login/Signup using sessions and prepared statements.
- Designed a responsive UI using HTML, CSS, and Bootstrap.

## Achievements/Certification

### Problem-Solving Accomplishments

Solved 100+ Data Structures & Algorithms problems on LeetCode and 400+ problems on GeeksforGeeks, strengthening problem-solving, analytical, and coding skills.

### Full-stack Development Certification

Demonstrated proficiency in MERN stack and project execution.

### Oracle Cloud Infrastructure 2025 Certified Developer Professional

Skilled in cloud services, application deployment, and resource management

## Education



Budge Budge Institute of Technology

Kolkata, West Bengal

B.Tech in Computer Science | CGPA 7.1 / 10.0

08/2022 - 05/2026

## Languages

English Advanced



Hindi Proficient



Maithili Proficient

