

Rajan Mandal

Rk4009023@gmail.com | +919693153290 | LinkedIn: [Rajan Mandal](#) | GitHub: RajanKumar5665

EDUCATION

makaut university
B.Tech in Computer Science
CGPA: 6.5

Kolkata, West Bengal
Expected Graduation, May 2026

PROFILE SUMMARY

Targeting **Full stack Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth.

- MERN stack (**MongoDB, Express.js, React, Node.js**) with a strong background in building scalable web applications
- Demonstrated ability to manage and deliver projects **efficiently**, from initial planning and design to final deployment and maintenance.
- Committed to **staying updated** with the **latest industry** trends and technologies, continuously enhancing skills to provide innovative solutions

PROJECTS

BlogApplication with Authentication

june-2025

Tools: MongoDB, Express.js, React, Node.js, JWT, Bcrypt, Cloudinary, Tailwind CSS

A full-stack blogging platform allowing users to create, edit, and view blog posts with image uploads and secure authentication.

Responsibilities:

- Developed a responsive frontend using React and Tailwind CSS for seamless user experience across devices.
- Built a RESTful API backend with Node.js and Express.js, integrating JWT for secure authentication and role-based access.
- Implemented Bcrypt for password hashing and stored user and blog data in MongoDB.
- Integrated Cloudinary for image storage and management in blog posts.
- Designed features for creating, editing, and deleting blogs with protected routes for authenticated users.

Mern Authentication System

march-2025

Tools: MongoDB, Express.js, React, Node.js, JWT, Bcrypt.

A secure full-stack authentication system enabling user registration, login, and profile management with role-based access control.

Responsibilities:

- Developed the **frontend** using React with responsive design for seamless cross-device compatibility.
- Built a **RESTful API backend** with Node.js and Express.js, integrating JWT for secure authentication.
- Implemented **password encryption** using Bcrypt and stored user data in MongoDB.
- Added **Google OAuth 2.0** for third-party login functionality.
- Designed a **protected dashboard** for authenticated users with role-based views (user/admin).

ACADEMIC/ACHEIVEMENTS

- Solved 100+ Data Structures & Algorithms problems on LeetCode, enhancing problem-solving and analytical skills.

SKILLS

Programming: DSA using C++,Html,Css,JavaScript,React.js,Node.js,Express.js,SQL,MongoDB.

Tools: VS code,Postman,Figma, Git,Github,render,vercel.