# Rajan Mandal

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## EDUCATION

**makaut university**                                                                                                    **Kolkata, West Bengal**
*B.Tech in Computer Science*                                                                          *Expected Graduation, May 2026*
**CGPA:** 6.9

## 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

**Blog Application with Authentication**                                                                           **June 2024- Current**
**Tools: React, Appwrite, Redux**
A full-featured blog application enabling users to register, authenticate, and manage their blog posts seamlessly.
**Responsibilities:**

- Developed the front-end using React, creating a responsive and intuitive user interface.
- Implemented user authentication and authorization using Appwrite, ensuring secure access to the application.
- Managed the backend entirely with Appwrite, handling data storage, retrieval, and user management efficiently.
- Utilized Redux for state management to ensure consistent and predictable application state.

**Currency Converter**                                                                                                      **Oct 2024 – current**
**Tools: React, API Integration**
A sleek and intuitive web application allowing users to easily convert amounts between different currencies, leveraging real-time exchange rates.
**Responsibilities:**

- Developed the front-end using React, ensuring a responsive design that works seamlessly across desktops, tablets, and mobile devices.
- Implemented real-time exchange rate fetching using an external API for accurate currency conversions.
- Added swap functionality to quickly interchange source and target currencies.
- Supported multiple global currencies to cater to a diverse user base.

## ACADEMIC ACHEIVEMENTS

- Earned a certification in Full Stack Development, demonstrating proficiency in MERN stack technologies and project management.
- Led the college graphics designing team, organizing and managing various design projects and events, enhancing the team's creative output and visibility.

## SKILLS

**Programming:  C,** C++ plus DSA, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js.
**Tools:**  Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Git, VS code.