

# Mayank Raj

vmayank0123@gmail.com | linkedin.com/in/mayankraj17 | github.com/Raj-Mayank2 | 9304618177

## Profile

Motivated **Information Technology** student specializing in full-stack development. Proficient in building and deploying scalable web applications using **React**, **Next.js**, **Node.js**, and **Express.js**. Seeking software engineering roles to contribute to a challenging and innovative engineering team and showcase my problem solving skills.

## Education

**Maulana Abul Kalam Azad University of Technology**, B.Tech in Information Technology June 2022 – Present

- CGPA: 9.15/10.0

**St.Michael's High School**, Higher Secondary May 2019 – 2021

- Percentage:96.2/100

## Projects

**Aayojan.ai** Link

- **Awarded 1st Place at the Metamorph 1.0** for its innovative approach to event management, seamless user experience, and practical AI integration.
- Leveraged the **Gemini AI API** to automatically generate financial reports, professional sponsor letters, and marketing email campaigns
- Engineered a comprehensive dashboard for organizers to manage attendee registration, track finances, and visualize event locations using interactive maps powered by **Leaflet.js**.
- Tools Used: React, Next.js, Prisma, PostgreSQL, Leaflet.js, MongoDB, Gemini AI

**Background Remover Application** Github

- Developed full-stack web application platform integrating **Remove.bg** API for automated background removal with **drag-and-drop** interface serving daily users.
- Implemented **Clerk authentication system**, allocating fixed processing credits per user registration.
- Built responsive **React.js** frontend with **real-time credit tracking**, supporting **PNG/JPEG** formats and instant download functionality.
- Architected secure backend infrastructure with user session management.
- Tools Used: React.js, Express.js, MongoDB, Tailwind CSS

**ProNewsletter: Enterprise Blog** Github

- Built **full-stack blog management system** with admin panel supporting different blog operations and content workflow.
- Implemented secure backend API architecture with **MongoDB database** integration for scalable content storage and retrieval.
- Designed responsive **admin dashboard** with rich text editor, media management, and publication scheduling capabilities.
- Tools Used: Next.js, Node.js, MongoDB, Tailwind CSS

## Technologies

**Languages:** C and C++, Python, JavaScript

**Frameworks:** React JS, Express JS, Node JS, TailwindCSS, Shadcn, Next.js

**Database:** MongoDB, MySQL

**Tools:** Git, Github, VS Code, Netlify, Postman

## Achievements and Certifications

- Winner of **MetaMorph 1.0 Hackathon** organized by GNIT Kolkata, competing among 300+ registered teams.
- Completed *Udemy's Ultimate React Course 2025*, gaining hands-on expertise in **React** and **Next.js**.
- **IBM Certified** in *Python for Data Science, AI & Development*, demonstrating proficiency in data analysis.
- Served as a **Microsoft Learn Student Ambassador**, showcasing strong communication and leadership skills.
- Solved over **600+ problems** on **LeetCode** and **GeeksforGeeks**, strengthening problem-solving skills.
- Current Head of college web development club **REPL Devs** and Programming Head of coding club **HACKAUT**.