

MD AQIB

Kolkata , West Bengal

+91-9123998151 mdaqib184@gmail.com LinkedIn Github

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML, JavaScript, SQL, XML, PostgreSQL
Frameworks: ReactJS, Redux, NextJS, NodeJS, ExpressJS, Bootstrap, Tailwind CSS
Developer Tools: VS Code, Drizzle Studio, Atom, Neon, Vercel, Netlify, Chrome Dev Tools, Replit
Databases: MongoDB, PostgreSQL
Others: Linux, GitHub, Git, Apache Tomcat, MongoDB Atlas

EDUCATION

Jadavpur University 2021 – 2025
Bachelor Of Engineering in Information Technology - CGPA: 8.0 Kolkata, West Bengal

Islamia High School 2018 – 2020
Higher Secondary (WBCHSE) - Percentage: 87.4% Kolkata, West Bengal

Park Circus High School 2018
Madhyamik (WBBSE) - Percentage: 86.7% Kolkata, West Bengal

COURSEWORK

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|--------------------------------|-------------------------------------|---------------------------|--|
| • Data Structures & Algorithms | • Database Management System (DBMS) | Programming | • Computer Architecture & Organization |
| • Operating Systems | • Artificial Intelligence | • Web Development | |
| • Computer Network | • Object-Oriented | • Engineering Mathematics | |

PROJECTS

Algorithm Visualizer | *React.js, Bootstrap, React Router, MUI* | [Live Demo](#) June – July 2024

- Engineered an interactive application with React.js, Bootstrap, and React Router to visualize complex algorithms, such as sorting, graph algorithms, and the N-Queen problem; enhanced understanding through real-time visual feedback and animations.
- Designed the tool as an educational aid, significantly improving algorithmic comprehension; achieved a 30% increase in user retention and a 20% boost in learning outcomes based on user feedback.
- Optimized performance and UX by implementing efficient rendering and state management techniques, reducing load times by 40% and increasing responsiveness during complex visualizations.

Expense Tracker | *Next.js, Tailwind CSS, PostgreSQL* | [Live Demo](#) May 2024

- Developed an expense tracking application allowing users to record, categorize, and visualize budgets via interactive charts; increased user budgeting efficiency by 40% and decreased financial management time by 25%.
- Implemented robust authentication protocols using Clerk, enhancing data security and reducing unauthorized access incidents by 50%.
- Crafted a user-centric interface with Tailwind CSS, significantly enhancing user experience; received positive feedback from 90% of users for its intuitive and aesthetic design.

Weather Predictor | *HTML, CSS, JavaScript, OpenWeatherAPI* | [Live Demo](#) August 2023

- Developed a weather prediction application using HTML, CSS, and JavaScript, leveraging the OpenWeather API for real-time weather updates; designed an efficient interface for timely weather information.
- Integrated a voice search feature utilizing Speech Recognition APIs, enabling voice command queries for weather data; improved accessibility and interaction, resulting in a 35% increase in user satisfaction.
- Enhanced the application's performance and scalability through asynchronous data fetching and effective state management, cutting load times by 50% and ensuring smooth operation during high traffic periods.