

# Mahammad Anish

Full-Stack Developer — MERN Stack Specialist

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## PROFESSIONAL SUMMARY

Full-stack developer with expertise in the MERN stack, specializing in building scalable, user-centric web applications. Strong foundation in both frontend design and backend architecture, with a passion for creating intuitive user experiences backed by robust engineering. Skilled in translating design concepts into functional, performant applications while maintaining clean, maintainable code. Proven ability to bridge the gap between design and development, delivering solutions that are both aesthetically pleasing and technically sound.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), HTML5, CSS3, SQL, Python

**Frontend:** React.js, Redux, Tailwind CSS, Bootstrap, Material-UI, Responsive Design, UI/UX Principles

**Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, Middleware Architecture

**Database:** MongoDB, Mongoose ODM, Database Design, Query Optimization

**Tools & Technologies:** Git, GitHub, VS Code, Postman, npm, Webpack, Babel, Vercel, Netlify

**Concepts:** Agile Methodology, OOP, Data Structures, Algorithms, MVC Architecture, API Design

## EDUCATION

**Maulana Abul Kalam Azad University of Technology (MAKAUT)**

*Bachelor of Technology in Computer Science*

Kolkata, West Bengal

August 2024 – May 2028

- Affiliated Institution: Gargi Memorial Institute of Technology (GMIT)

- Focus Areas: Computer Software Engineering, Full-Stack Development, Data Structures & Algorithms

**AK Academy**

*Higher Secondary Education in Science*

Kolkata, West Bengal

January 2016 – March 2024

## PROJECTS

**E-Commerce Platform** | *React.js, Node.js, Express.js, MongoDB, JWT, Stripe API*

- Developed a full-featured e-commerce application with user authentication, product catalog, shopping cart, and secure payment integration using Stripe
- Implemented RESTful API with Express.js for product management, order processing, and user authentication using JWT tokens
- Designed responsive UI with React.js and Tailwind CSS, ensuring seamless user experience across desktop and mobile devices
- Optimized MongoDB queries and implemented pagination, reducing page load times by 40%

**Real-Time Chat Application** | *React.js, Node.js, Socket.io, MongoDB, Express.js*

- Built a real-time messaging platform supporting one-on-one and group conversations with WebSocket technology
- Implemented user authentication, message persistence, and online status tracking using MongoDB and Express.js
- Developed intuitive UI with React Hooks and Context API for state management, supporting 100+ concurrent users
- Integrated file sharing capabilities and message notifications to enhance user engagement

**Task Management Dashboard** | *React.js, Redux, Node.js, Express.js, MongoDB*

- Created a collaborative project management tool with drag-and-drop functionality, task assignment, and deadline tracking
- Utilized Redux for complex state management and implemented role-based access control for team collaboration
- Designed and developed RESTful APIs for CRUD operations on tasks, projects, and user profiles
- Implemented data visualization using Chart.js to display project progress and team productivity metrics

**Personal Portfolio Website** | *React.js, Three.js, Framer Motion, Tailwind CSS*

- Designed and developed an interactive portfolio showcasing projects with 3D animations and smooth transitions
- Achieved 95+ Lighthouse performance score through image optimization and lazy loading techniques
- Implemented responsive design patterns ensuring optimal viewing experience across all device sizes

## CERTIFICATIONS

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**Foundations of Web Development: CSS, Bootstrap, JS, React**

**Additional Coursework:** Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming

## ACHIEVEMENTS & ACTIVITIES

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- Contributed to open-source projects on GitHub, focusing on React component libraries and Node.js utilities
- Active participant in coding communities, regularly sharing knowledge on web development best practices
- Continuously learning cutting-edge technologies and frameworks to stay current with industry trends
- Strong communicator with experience presenting technical concepts to diverse audiences