

MOHAMMAD TANVIR CHOWDHURY

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer with over 2 years of hands-on experience designing and scaling modern web applications using React/Next.js and Node.js/Express.js. Strong focus on performance, security, and clean architecture with expertise in API design, and real-time systems. Experienced in building AI-driven products for global startups, blending technical depth with product thinking to deliver intuitive, high-impact user experiences in remote, fast-paced environments.

AREAS OF EXPERTISE

Frontend: JavaScript, TypeScript, React, Next.js, Redux, Zustand, TanStack Query, GSAP, Tailwind CSS, Shadcn, HTML5

Backend: Node.js, Express.js, Nest.js, GraphQL, MongoDB, PostgreSQL, MySQL, Prisma, Mongoose, AI Integration

Technologies and Tools: Git, Docker, CI/CD, AWS (Basic), Vercel, Redis, Firebase, Jest, Debugging, Figma

Methodologies: Agile (Scrum), SDLC, Code Review, TDD, Design Patterns, API Design, MVC, Microservices

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER, Standard Insights, New York, United States | October 2024 – Present (Remote)

Standard Insights is a market research startup revolutionizing consumer insights with an AI-driven platform that simplifies survey creation, data analysis, and reporting, helping brands make faster, data-driven decisions.

- **Application Development & Architecture:** Developed and owned a scalable full-stack platform for survey analysis and data visualization, focusing on clean, maintainable code and optimized performance.
- **API Design & Integration:** Built and optimized RESTful APIs, improving data flow, scalability, and performance by 40%, ensuring robust, efficient, and reliable backend services with seamless integration across platforms.
- **Frontend Development:** Led the development of dynamic, responsive UIs using Next.js, TanStack Query, and Shadcn, enhancing user experience and reducing load times by 30% through optimized performance.
- **AI Feature Implementation:** Integrated AI-driven tools for survey analysis, sentiment extraction, trend detection, and automated reporting, cutting analysis time by 95% and improving client insights.
- **Testing & CI/CD Automation:** Established testing with Jest, React Testing Library, and automated pipelines using GitHub Actions and Docker, reducing bugs by 35% and speeding up release cycles by 50%.
- **Cross-Functional Collaboration & Delivery:** Worked with product managers, designers, and data analysts to translate requirements into technical solutions, ensuring timely delivery of features aligned with client needs.

FRONTEND DEVELOPER, View AI, Vancouver, Canada | December 2023 – June 2024 (Remote)

View.AI is a fast-growing startup focused on Explainable AI (XAI), helping businesses and organizations better understand, trust, and manage AI models through intuitive dashboards, visual explanations, and natural language.

- **Dashboard Development & Ownership:** Developed interactive XAI dashboards with Next.js, delivering features 25% faster than previous iterations and increasing user engagement with dashboards by 30%.
- **Data Visualization & Impact:** Designed reusable interactive charts for feature importance, attributions, and drift metrics, simplifying complex ML outputs and reducing user error in data interpretation by 20%.
- **User Experience Optimization:** Improved dashboard responsiveness and accessibility, decreasing onboarding time for new users by 40% and reducing user-reported issues by 35%.
- **Collaboration with AI/ML Teams:** Partnered with ML engineers to translate complex model outputs into intuitive, actionable insights, enabling faster decision-making for 15+ clients..
- **Performance Optimization:** Optimized frontend rendering and API integration, reducing dashboard load times by 45% and improving real-time update reliability to 99.5% uptime.

PROJECTS

Career Dock – AI-Powered Career Management Platform

[Live website](#)

Career Dock is a live career platform combining AI-powered content generation with application tracking, recruiter communication, company monitoring, and career insights, helping job seekers stay organized and improve outcomes.

- **Developed and owned scalable platform:** Built full-stack platform for survey analysis and AI-powered content, focusing on clean, maintainable code and optimized performance.
- **AI Content Generation:** Integrated Gemini AI APIs for generating tailored resumes, LinkedIn profiles, cover letters, and recruiter emails—reducing content creation time by 90%.
- **Application & Recruiter Tracking:** Engineered dashboards to track applications, monitor companies, and manage recruiter interactions—used by 100+ job seekers in first launch.
- **Frontend Development & UX:** Designed highly responsive, fully accessible, and user-friendly UIs with Next.js and Tailwind CSS, significantly reducing onboarding friction for non-technical users.
- **Documentation & Knowledge Sharing:** Created API documentation, user guides, and onboarding materials to improve team adoption and maintainability.

Technologies: Next.js, React, TypeScript, Express.js, MongoDB, Clerk (auth), Lemon Squeezy, ShadCN UI, Gemini AI

Clothing Marketplace Platform – E-commerce Application

[Live website](#) | [Github](#)

Luxe Attire is a scalable e-commerce platform providing responsive shopping experiences and secure checkout. It also features a comprehensive admin dashboard to manage products, orders, inventory, and users.

- **Built responsive user interfaces:** Developed responsive and user-friendly frontend interfaces with Next.js and Tailwind CSS, delivering smooth experiences across desktop, tablet, and mobile devices.
- **Backend & Database Engineering:** Designed and implemented highly scalable RESTful APIs with Node.js and MongoDB to efficiently manage users, products, orders, and detailed analytics for optimal performance.
- **Admin Dashboard & Operations:** Developed admin dashboards with product CRUD, inventory monitoring, order updates, and sales statistics, streamlining operational workflows efficiently.
- **Secure Checkout & Payment Integration:** Integrated Stripe and Cash on Delivery payment methods with token-based authentication via NextAuth, ensuring secure, reliable, and seamless transactions for all users.
- **Process Standardization & Documentation:** Created detailed API references, setup guides, and operational runbooks to ensure maintainable, long-term usability and consistent team alignment across projects.

Technologies: Next.js, Tailwind CSS, Node.js, MongoDB, Redux, Redux Persist, NextAuth, Stripe, Resend

TRAINING & COURSES

Full-Stack Development, Programming Hero | 2024

Comprehensive full-stack development training with hands-on projects, covering modern web technologies.

Meta Frontend Development Certificate | 2024

Professional certification in frontend development, focusing on React, Next.js, and modern UI/UX workflows.

CSE Fundamentals, Phitron | 2023

Core computer science training with hands-on projects, covering algorithms, data structures, and system design.

UI/UX Design Specialization, Coursera | 2023

Comprehensive UI/UX design principles and practices for creating user-friendly and visually appealing interfaces.

EDUCATION

Master of Business Administration (MBA) in Management, National University, Bangladesh (2021 - 2022)

Bachelor of Business Administration (BBA) in Management, National University, Bangladesh (2016 - 2020)

LANGUAGES

Bangla (Native)

English (Communicative)