Md Moshin Khan

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Summary

Frontend Developer (React/Next.js) with experience building responsive, high-performance web apps using Tailwind, TypeScript, Redux Toolkit, and API integrations. Built real-time dashboards and AI-integrated interfaces, deployed on Vercel, and optimized performance using Lighthouse-based improvements. Interested in frontend engineering, UI performance, and modern web architecture.

Technical Skills

Languages : TypeScript, JavaScript (ES6+), SQL, C++, Java, HTML5, CSS3
Frameworks : **Next.js 15** (App Router), React.js, Tailwind CSS v4, Redux Toolkit, Framer Motion
Backend/Tools : Node.js, Prisma ORM, PostgreSQL, Firebase, Git/GitHub, Vercel, Zod, Postman
Core Concepts : REST APIs, Component-based Architecture, Responsive Design, Debugging, Deployment, Agile
Testing : Jest, React Testing Library

Projects

Interactive 3D Portfolio | *Next.js 15, Tailwind v4, Matter.js, Three.js* | **[Live Demo]** — Jan 2026
- Architected a high-performance portfolio using **Next.js 15**, featuring a dynamic "Hazard/Cyber" theme that auto-adapts to user time zones.
- Implemented complex animations (RGB glitch, sonar pulse) and physics-based UI interactions using **Matter.js**, achieving a **100/100 Lighthouse** performance score via code splitting.
- Ensured fully responsive design across devices using Tailwind v4 container queries.

Arguely | *Next.js 15, OpenAI API, Tailwind, Framer Motion* | **[Live Demo]** — Dec 2024
- Developed an AI-powered platform utilizing the OpenAI API to structure and analyze user arguments in real-time.
- Integrated **"Truth Is Optional"**, an AI-based content rewriting web app module that transforms neutral text into distinct psychological narratives to demonstrate media framing.
- Engineered **"Framework"**, a scalable component-based architecture system to standardize UI elements across the platform.
- Deployed server actions for secure API communication and optimized state management for seamless user flow.

CryptoPlace | *React, Vite.js, CoinGecko API* | **[Live Demo]** — Nov 2024
- Built a real-time financial dashboard tracking global cryptocurrency assets with sub-second data updates.
- Implemented global state management via Context API to handle multi-currency conversions (USD/EUR/INR).
- Integrated interactive **Google Charts** to render dynamic 10-day historical price trends and analytics.

Experience

Frontend Web Developer Intern — Nov 2024 – Dec 2024
Cod-Tech IT Solutions — Remote
- Built responsive, pixel-perfect user interfaces using **React.js** and **Tailwind CSS**, ensuring cross-browser compatibility.
- Improved application performance by **15%** through image optimization, lazy loading, and efficient component refactoring.
- Collaborated with the team using **Git/GitHub** for version control, focusing on clean code and debugging.

Computer Science Expert — Feb 2023 – Aug 2023
Chegg — Remote
- Solved complex **DSA, Java, C++, and SQL problems** for global students with 90%+ accuracy.
- Provided structured, step-by-step logic explanations focusing on time complexity analysis and code optimization.

Cybersecurity Trainee — Dec 2023 – Jan 2024
ITorigin Academy — Kolkata
- Executed network vulnerability assessments using **Nmap** and **Wireshark** to identify security loopholes.

Education

Institute of Management Study — Kolkata, India
Bachelor of Computer Applications (BCA) — **CGPA: 7.1/10** — *2022 – 2025*
Certifications: Oracle Certified AI Foundation Associate · Google Foundations of User Experience (UX) Design