

Md. Ehsan Khan

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About Me

Results-driven **Frontend Developer** with proven experience building high-performance, responsive, and visually engaging web applications using **React, Next.js, Astro, TypeScript, and TailwindCSS**. Skilled in translating complex UI/UX designs into clean, **scalable** code while ensuring **accessibility, SEO** and optimal Lighthouse performance. Adept at leveraging **Redux, Zustand, Server Actions** and modern frontend workflows to deliver maintainable, production-ready interfaces. Recognized for strong problem-solving skills, attention to detail, and clear communication with clients and cross-functional teams.

Skills

Core Technologies: React, Next.js, Astro, TypeScript, JavaScript (ES6+), TailwindCSS, Redux, GSAP

UI / Performance Optimization: Responsive Design, Accessibility (WCAG), Lighthouse Optimization, SEO, Incremental Static Regeneration (ISR), Cloudflare Caching, Image Optimization (Cloudinary, Cloudflare, Vercel)

Frontend Tools & Workflow: Git, GitHub, GitHub Actions, Figma-to-Code Translation, Agile (Scrum), Jira

Testing & Deployment: Vercel, Cloudflare Pages, Firebase Hosting, CI/CD Integration, Cross-Browser Testing

Soft Skills: Attention to Detail, Collaboration, Communication, Problem Solving, Fast Learner

Experience

Full Stack Developer

2022 – Present

Self-Employed / Remote

- Handled more than 10 clients and 15 projects. Delivered production-ready web and desktop applications for agencies, businesses, and individual clients. Specialized in React, Next.js, Django, and Astro, with a focus on performance, maintainability, and end-to-end delivery. Known for high client satisfaction, excellent communication, and consistent on-time delivery.

Full Stack Developer (Contractual, Remote)

Dhaka, Bangladesh

BSIL

Feb 2025 - Present

- Developed and deployed BSIL's **main website, blog, and journal**, establishing a unified, high-performance digital presence.
- Originally built with **Astro** for static performance, later **rebuilt with Next.js and Payload CMS** to give the agency full dynamic control over site content and publishing workflows.
- Implemented **Incremental Static Regeneration (ISR)** for real-time content updates and integrated **Cloudflare caching** to ensure global low-latency performance.
- Configured **Cloudinary** as a **media CDN**, optimizing image delivery and reducing bandwidth usage significantly.
- Built a **custom CMS** with fine-grained access controls and intuitive editor interfaces for non-technical staff.
- Achieved **perfect Lighthouse scores**, faster load times, and improved SEO ranking through strategic rendering and caching.
- Improved page load speed **over 40%** and **perfect Lighthouse scores** with caching and CDN optimization.
- Tech Stack:** Next.js, Payload CMS, React, TypeScript, TailwindCSS, PostgreSQL, Cloudinary, Cloudflare, JWT.

Full Stack Developer (Contractual, Remote)

Dhaka, Bangladesh

Cazzert

Nov 2024 - Jan 2025

- Designed and developed **feature-rich e-commerce platform** with product catalog, authentication, cart, order tracking, and custom CMS for warehouse managements.
- Designed secure REST APIs and database architecture optimized for scalability and performance.
- Delivered a modern, responsive, and high-performance user experience.
- Tech Stack:** Astro, React, Next.js, Payload CMS, TypeScript, TailwindCSS, PostgreSQL, JWT.

Software Developer (Contractual, Remote)
Swapnil Gold Testing

Dhaka, Bangladesh
Aug 2024 - Oct 2024

- Built a **desktop application** for a gold testing business to generate and manage digital test certificates.
- Integrated **offline AI-based background removal**, and image editing features.
- Delivered a robust and easy-to-use tool praised for reliability and design.
- **Tech Stack:** Tauri, Rust, React, TypeScript, TailwindCSS, SQLite.

Web Developer (Contractual, Remote)
Erasmus Scholar Portfolio

Dhaka, Bangladesh
April 2022 - May 2022

- Designed and developed a **personal portfolio website** for an Erasmus Mundus Scholar to highlight research and academic achievements.
- Focused on elegant UI, accessibility, and responsive performance using modern frontend technologies.
- The client credited the website as a **key factor in securing their scholarship** by providing a professional digital presence.
- **Tech Stack:** React, Redux, TypeScript, TailwindCSS, Firebase.

Achievements

- **Champion (as Team Lead)**, UIU Project Show.
- **Ranked 6th**, Coders Combat 3.0 (University Competitive Programming Contest).
- **Academic Excellence Scholarship** – Awarded 100% tuition waiver 1 times, 50% tuition waiver 2 times and 25% waiver 2 times based on GPA.

Projects

Resume AI

[GITHUB](#) 

- An AI based CV screening application designed to simplify the recruitment process for HR professionals and enhance candidate experience. Users can build profile just by uploading CV and can apply for jobs. One of the unique features of this app is that the CV of the applicant gets formatted and summarized automatically to help the HR screening process. The second and most amazing feature is that automatic feedback is sent to the rejected applicant. This feedback get generated based on some selected applicants CV. This way the applicant knows why they are being rejected and where/how to improve.
- **Tools Used:** NextJS, Redux, TailwindCSS, TypeScript, Django, JWT, PostgreSQL, REST API

Webcrafts.dev Agency Website

[LIVE](#) 

- Engineered an exceptionally fast and visually engaging agency website using **NextJS**, resulting in a perfect Google Lighthouse performance score and enhanced user engagement.
- Created a seamless content management experience by building a admin panel with **Payload CMS** with custom features and analytics, allowing users to update every part of the site without writing code.
- Includes a fully-featured blog with a custom admin panel, optimized for both advanced SEO and high performance.
- **Tech Stack:** Astro, React, TypeScript, TailwindCSS, Server Actions, PostgreSQL, JWT, Cloudinary

Please visit my [Portfolio](#)  to see more of my work.

Education

United International University
B.Sc in Computer Science and Engineering

Jan 2020 – Oct 2025
CGPA: 3.35

References

- References available upon request.