

Md. Ehsan Khan

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About Me

Results-driven **Frontend Developer** specializing in building high-performance, visually engaging web applications with a proven track record of achieving **perfect Google Lighthouse scores** using **React, Next.js, Astro, TypeScript**, and **TailwindCSS**. Skilled in translating complex UI/UX designs into clean, **scalable** code while ensuring **accessibility, SEO** and **high performance** with advanced techniques like **ISR, caching**, and **image optimization**. 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, Zustand, GSAP

UI / Performance Optimization: Responsive Design, Accessibility (WCAG), Lighthouse Optimization, SEO, Rendering Methods (SSR/ISR/CSR), Caching Strategies (Cloudflare), Image Optimization (Cloudinary, Cloudflare, Vercel)

Frontend Tools & Workflow: CI/CD Integration, Git, GitHub, Docker, Figma-to-Code Translation, Agile (Scrum), Jira

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

Experience

Full Stack Developer

2022 - Present

Self-Employed / Remote

- Delivered **15+ production-grade apps** for agencies and businesses using **React, Next.js, Django**, and **Astro**.
- Collaborated with international clients to define product requirements, optimize delivery pipeline.
- Focused on **performance, accessibility**, and **responsiveness**, achieving **90+ performance scores** across all projects.
- Integrated **CI/CD, GitHub Actions**, and **Docker** for automated builds and deployments.

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.
- **Rebuilt** BSIL's agency website from **Astro** to **Next.js + Payload CMS**, enabling full dynamic content management.
- Implemented **Incremental Static Regeneration (ISR)** and **Cloudflare caching**, reducing load times by **60%+** globally.
- Integrated **Cloudinary** for media optimization, cutting bandwidth usage and improving SEO performance.
- Configured **Cloudinary** as a **media CDN**, optimizing image delivery and reducing bandwidth usage significantly.
- Achieved **perfect Lighthouse scores** across performance, accessibility, and SEO.
- **LIVE:** <https://bdsil.org>

Full Stack Developer (Contractual, Remote)

Dhaka, Bangladesh

Cazzert

Nov 2024 - Jan 2025

- Designed and built a **scalable e-commerce platform** featuring product catalog, authentication, cart, and order management.
- Developed **RESTful APIs** and database schema optimized for performance and security.
- Implemented a **custom CMS** for warehouse management and **role-based access control**, streamlining product operations.
- Delivered **responsive, high-performance UI** with **Astro, TypeScript**, and **TailwindCSS**.
- **LIVE:** <https://cazzert.com>

Software Developer (Contractual, Remote)

Dhaka, Bangladesh


Swapnil Gold Testing

Aug 2024 - Oct 2024

- Built an **offline desktop app** using **Tauri + React** for generating and managing digital gold test certificates.
- Integrated **AI-based background removal** and **image editing tools**, improving user workflow efficiency.
- Delivered a **reliable, easy-to-use interface** praised by the client for design and performance.

- Developed a **personal academic portfolio** website for an Erasmus Mundus Scholar using **React**, **TailwindCSS**, and **Firebase** to highlight research and academic achievements.
- Focused on **performance**, **accessibility**, and **responsive design**, contributing to client's successful scholarship application.
- The client credited the website as a **key factor in securing their scholarship** by providing a professional digital presence.

Achievements

- **Champion (Team Lead), UIU Project Show Fall 2021:** Led a 4-person team to win 1st place among 30+ teams • [GITHUB](#) 
- **Ranked 6th**, Coders Combat 3.0 (University Competitive Programming Contest).
- **Academic Excellence Scholarship** - Received a 100% waiver once, 50% twice, and 25% twice for academic excellence.

Projects

Resume AI

[GITHUB](#) 

- Developed an **AI-powered CV screening and feedback system** to streamline recruitment workflows.
- Automatically formats, summarizes, and evaluates resumes using **Next.js**, **Django**, and **Gemini API**.
- Generates **personalized feedback** for rejected candidates based on successful applicant profiles.
- **Tools Used:** Next.js, Redux, TailwindCSS, TypeScript, Django, PostgreSQL, JWT, REST API

Webcrafts.dev - Agency Website

[LIVE](#) 

- Built a **high-performance Astro** site with **TailwindCSS** and a **custom CMS**.
- Implemented **Server Actions** for streamlined content operations and real-time interactions.
- Integrated **Cloudinary** for image management & optimization, delivering fast image loads across regions.
- Achieved **perfect Lighthouse scores** through focused optimization and static-first rendering.
- **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.