

Md. Ehsan Khan

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About Me

Product-driven **Full Stack Developer** with a proven track record of architecting and deploying scalable, end-to-end web applications. Expertly combines **high-performance** frontend development in **React** and **Next.js** with robust backend services using **Django**, **Express** and **PostgreSQL**. Specializes in full-stack optimization, having achieved **perfect Lighthouse scores** and improved **page load speeds by over 40%** through strategic implementation of **ISR** and advanced **caching**. Successfully **delivered 15+ complex client projects**, ranging from feature-rich e-commerce platforms with custom CMS solutions to innovative **AI-powered applications**. A collaborative problem-solver dedicated to translating complex business requirements into reliable, high-quality technical solutions.

Skills

Frontend: React, Next.js, Astro, TypeScript, TailwindCSS, Redux, GSAP, Responsive UI, Accessibility

Backend: Django, Express.js, REST API, GraphQL, SQL (PostgreSQL, MySQL, SQLite), NoSQL (MongoDB), ORM (Prisma, Django ORM), Query Optimization, JWT Authentication

Full Stack & Integration: Payload CMS, Cloudinary, Cloudflare Caching, Rendering Methods (SSR/ISR/CSR), Server Actions

DevOps & Tools: CI/CD Pipelines, Git, GitHub, Docker, Linux, Bash, Agile (Scrum), Jira, Figma

Additional Skills: Problem Solving, Fast Learning, Client Communication, Collaboration, Code Optimization

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.

Web Developer (Contractual, Remote)

Dhaka, Bangladesh

Erasmus Scholar Portfolio

April 2022 - May 2022

- 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

Jan 2020 – Oct 2025

B.Sc in Computer Science and Engineering

CGPA: 3.35