MD RASHED AHMED

Front-End Software Engineer | React • Next.js • TypeScript • Python

Hurstville, Sydney NSW

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LinkedIn | GitHub | Stack Overflow | Portfolio

Work Rights: Full-time, unrestricted in Australia
Relocation: Open to roles across Australia

Professional Summary

Front-End Software Engineer with 6+ years of experience building scalable, high-performance web applications across edtech, e-commerce, and SaaS. Skilled in **React, Next.js, TypeScript**, and modern UI engineering, with solid experience using **Python** in full-stack workflows. Experienced in collaborating on **AI-integrated platforms** to deliver intuitive, data-driven user experiences. Passionate about performance, accessibility, and maintainable code — now seeking to contribute to forward-thinking teams in Australia.

Technical Skills

- **Languages & Markup:** JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, JSON
- **Frameworks & Libraries:** React, Next.js, Redux, Tailwind CSS, Styled Components, Material UI, Ant Design
- **API & Integration:** RESTful APIs, GraphQL, Axios, Postman
- **Back-End Fundamentals:** Node.js, Express.js, Django, SSR (Server-Side Rendering)
- **Version Control & Tools:** Git, GitHub, Bitbucket, GitLab, Vercel, Netlify
- **Testing & Debugging:** Jest, React Testing Library, Cypress, DevTools
- **Design & UX:** Figma, Responsive Design, Accessibility (WCAG)
- **Databases:** MySQL, MongoDB, Firebase (Firestore & Auth)
- **Workflow:** Agile (Scrum), CI/CD, Jira, Confluence
- **Cloud & Hosting:** AWS (EC2, S3 basics), Firebase Hosting, Vercel

Professional Experience

Senior Software Engineer (Front-End)

Shikho Technologies Bangladesh Ltd – Remote (initially from Dhaka, later from Sydney) | Dec 2021 – Jun 2025

- Led front-end architecture for a **mobile-first platform** serving **2.5M+ users**, boosting performance **25%**
- Built a **real-time exam portal** supporting **15K+ concurrent sessions** with secure login and live scoring
- Collaborated with AI engineers to integrate **Shikho AI**, an **NLP-based adaptive learning assistant**
- Integrated analytics and third-party APIs, reducing operational costs by **AUD 100K+ / year**
- Mentored junior engineers and enforced code quality via Agile practices
- Awarded **Learner First Award (2023)** for elevating UX and accessibility

Software Engineer (Front-End, Contract)

VipaHelda BV – Remote (from Dhaka, Bangladesh; Netherlands-based company) | Jan 2023 – Oct 2024

- Delivered client-specific apps using **React**, **Next.js**, and **Tailwind CSS**
- Collaborated with European product teams to ensure timely, high-quality releases

Software Engineer (Front-End)

Misfit Technologies Ltd – Dhaka, Bangladesh | Mar 2021 – Nov 2021

- Built responsive UIs with **React** and **Tailwind CSS**, improving mobile engagement by **25%**
- Created reusable UI components and integrated REST APIs to enhance performance
- Contributed to Agile sprints, code reviews, and CI/CD pipelines

Junior Software Engineer

Workspace Infotech Ltd – Dhaka, Bangladesh | Jun 2019 – Mar 2021

- Built **20+ websites** with HTML, CSS, JavaScript and contributed to **Python/Django** backend modules
- Integrated front-end with **Node.js** and **Django** systems in full-stack workflows
- Wrote **200+ SQL / MongoDB queries** for dashboards and reports; optimized for speed and accuracy
- Performed functional testing and resolved cross-browser issues for production stability

Education

Bachelor of Science in Software Engineering
American International University – Bangladesh (AIUB) | Graduated: 2021
CGPA: 3.55 / 4.00

- Final-year project: Full-stack web app using **React**, **Node.js**, and **MongoDB**
- Coursework: Software Architecture, Agile Development, Web Engineering, Human–Computer Interaction (HCI)

Portfolio Projects

Shikho Learning Platform – Core Front-End Ecosystem

Led front-end architecture for a mobile-first learning platform serving **2.5M+ users**, improving performance by **25%**.

Shikho Exam Portal – Secure Online Assessment Platform

Built a dedicated, real-time exam portal supporting **15K+ concurrent users** with secure login flow, live tracking, and instant scoring.

Shikho AI – AI-Powered Doubt Solver

Integrated NLP-driven Q&A and adaptive learning features into the platform, enhancing engagement through real-time, accessible front-end interfaces.

Shikho E-Shop – eCommerce

Developed responsive UI for a branded digital storefront offering books and PDFs. Implemented product filters, dynamic cart features, and seamless UX with **React** and **Tailwind CSS**.

Bohubrihi – Career Skills Platform

Contributed to UI redesign and performance optimization for a self-learning platform offering training in **web development**, **product management**, and job readiness skills.

Awards

Learner First Award – Recognized by Shikho Technologies for UX and accessibility improvements (2023)

Referees

Available upon request