

# MD RASHED AHMED

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

Hurstville, Sydney NSW

mdrashedahmed.work@gmail.com | +61 461 380 881

[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