Md Rashedul Islam

Software Engineer

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PROFILE

Software Engineer with **3+ years** of experience in frontend development, designing, and maintaining web applications. Skilled in JavaScript, TypeScript, Angular, and ReactJS, with expertise in testing and UX principles. Experienced in modern web development, CI/CD, version control, and tools such as Docker and Webpack.Demonstrated ability to collaborate in teams, solve complex problems, and deliver quality code.

SKILLS

Programming Languages:	HTML, CSS, JavaScript, TypeScript, NodeJS, JAVA, Python, PHP, SQL
Frameworks & Libraries:	ReactJS, Angular, Next.js, Bootstrap, Tailwind CSS, Chakra UI, RxJS
Database & State Management:	MySQL, PostgreSQL, MongoDB, Redux, Zustand
Testing:	React Testing Library, Vitest, Jest, Jasmine
Other Skills:	Webpack, npm, Docker, Agile(scrum), Git, Github, Jira

LANGUAGES

- **English:** Professional proficiency (**C1**)
- **German:** Intermediate proficiency (**GER-B1**)

WORK EXPERIENCE

Software Engineer   **February 2020 – July 2021**
Millennium Information Solution Ltd, Dhaka, Bangladesh
- Led migrating a legacy Oracle app (Banking Software) to a web architecture, boosting development efficiency by 67%.
- Implemented a reusable component library, cutting feature development time by 70%.
- Collaborated with teams of 150+ members, contributing to large-scale projects and initiatives.

Assistant Software Engineer   **January 2018 – February 2020**
Millennium Information Solution Ltd, Dhaka, Bangladesh
- Developed 40+ dynamic SPAs using Angular/ReactJS, driving user engagement and performance; spearheaded 50+ Agile sprints, optimizing sprint execution and efficiency.
- Fixed 300+ bugs through refactoring and data validation, improving system stability and code quality.

PROJECTS

Game Hub | Link   **September 2024**
- Built a gaming platform using ReactJS and TypeScript, driving a **40% increase in user activity** by implementing an interactive UI, community tools, and seamless form validation with Zod and React Hook Forms, enhancing data accuracy by 30%.
- Integrated RAWG API with React Query, Zustand, and Chakra UI, **reducing data load times by 50%** while enhancing cross-platform user experience and optimizing real-time game search functionality.

My Portfolio | Link   **January 2024**
- Delivered 10+ full-stack projects using HTML5, Tailwind CSS, TypeScript, and ReactJS, showcasing advanced frontend and backend expertise.
- Boosted user engagement by 30% with React Hooks and Node.js features; achieved 90+ Google Lighthouse scores for performance and accessibility.

Covid-19 Assistant | Link   **December 2022**
- Built a COVID-19 info platform with Angular/Node.js for 8 cities, serving 500+ weekly users and boosting retention by 40% with real-time data.
- Implemented Firebase for authentication and storage, enhancing scalability and user experience.

EDUCATION

MSc in Information Engineering and Computer Science   **Present (Only Thesis left)**
Rhine Waal University of Applied Sciences, Kamp-Lintfort, Germany
BSc in Computer Science and Engineering   **May 2013 - May 2017**
University of Asia Pacific, Dhaka, Bangladesh

CERTIFICATES

- Mastering ReactJS & React Testing Certificate
- Mastering Next.js 13 with TypeScript Certificate
- The Ultimate Docker Course Certificate
- SQL Mastery Certificate