

# MOHAMMED REZAAN RIYAZ

Colombo, Sri Lanka

Phone: +94702088845 - Web: [rezaanriyaz.com](https://rezaanriyaz.com) - Email: [rezaan6@gmail.com](mailto:rezaan6@gmail.com)

LinkedIn: [rezaan6](#) - GitHub: [rezaan6](#)

## EXPERIENCE

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**Company:** Kodez

Melbourne, Victoria, Australia

**Frontend Engineer (Remote)**

Feb 2021 - Present

- Expertise in **Typescript** and in-depth knowledge of **HTML**, **CSS/SCSS**, **JavaScript** and **React** concepts.
- Utilize react component library **Material UI**.
- Implement Query by **TanStack React Query**.
- Development of a content management system React application with a **micro** architecture.
- Moving from **0 to 1** production to the Minimum Viable Product (**MVP**). In addition, practicing **SOLID** principle.
- Developed new features, performed bug fixes, overseeing 40+ **production releases** and optimizing a complex database with 250+ SQL tables.
- Adoption of Test-Driven Development (**TDD**) practices. Increasing the **test coverage** to over 90%.
- Integrating **Cypress** for end-to-end testing to conduct thorough **automated** tests, guaranteeing the functionality and stability of the React application.
- Successfully **integrated** the CMS with **APIs** from major clients (NTT DATA, Toshiba, Park Assist, City, Fiserv), ensuring seamless interoperability for Global Users.
- Implementation of React **Redux** architecture for enhanced **state management** efficiency and streamlined data flow in the application.
- Contributed to the implementation of a **Node.js**-based backend for both the backend and BFF layers, contributing to an enhanced system architecture and improved performance.
- **Convert** UX/UI framework to create visually appealing interfaces, garnering positive feedback from stakeholders and end-users.
- Utilizing **AWS S3** for image storage and enhancing system performance.
- Implemented **performance optimization** techniques, reducing page load times by 40% and enhancing the overall user experience.
- Developed and maintained a **reusable component** library utilizing **Storybook**, reducing development time by 30%.
- Proactively identified and addressed **security vulnerabilities**, ensuring data integrity, and implementing best practices.
- Contributed to the **migration** of **legacy** codebases to modern **frameworks**, improving maintainability and reducing technical debt by 25%.
- Conducted **code reviews**, enforcing standards, and fostered a culture of continuous improvement within the team.
- A dynamic team in a **fast-paced** startup environment, **team growth** from less than 10 members to over 60 employees.
- Coordinated operations across **staging**, **UAT**, and **production** environments, processing over **100 million** requests annually and managing **700+ GB** bandwidth across global users.
- Engaged in technical discussions, gaining insights into **best practices** and industry standards.
- Experience in **Agile/Scrum** methodologies and contributed to sprint and retrospective.
- Ensuring **cross browser compatibility** and testing using tools like Browser Stack.
- **Documentation standards** by crafting Swagger, JIRA, and Confluence.

**Company:** RaSoft

Colombo, Sri Lanka

## Frontend Engineer (Onsite)

Dec 2019 – Feb 2021

- Assisted in the development of user interfaces using **React.js**, gaining exposure to **JavaScript, HTML, and CSS/SCSS**.
- Collaborated with the development team to implement web-based user interactions based on **provided designs**.
- Developed an **Employment Management System (EMS)** from 0 to 1 **production**.
- Contributed to code reviews and actively participated in pair programming sessions to enhance coding skills.
- Engaged in technical discussions, gaining insights into **best practices** and industry standards.
- Acquired foundational experience in **Agile/Scrum** methodologies and contributed to sprint planning and refinement sessions.
- Experience **Seed** start up.

## Intern (Onsite)

March 2019 – Nov 2019

- Spearheaded business development initiatives, contributing to a 20% increase in client acquisitions.
- **Developed** and optimized the company **website**, enhancing user experience and improving conversion rates by 15%.
- Collaborated with cross-functional teams to formulate and execute a comprehensive business strategy, resulting in revenue growth of 25%.

## EDUCATION

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### Bachelor of Science (B.S.) with Honours – Computer Science

University of Bedfordshire

## LICENSES & CERTIFICATIONS

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AWS Associate Solution Architect

## PROJECTS

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- **Bright Data Web Scraper:** NextJs, Tailwindcss, Firebase function and Bright Data API.
- **Rapid API Crypto App:** React, Rapid API (Coinranking and Bing News Search), Chart.js, Redux Toolkit.
- **GPT3 Modern Landing Page:** NextJs, Tailwindcss.
- **Hoobank Modern Landing Page:** NextJs, Tailwindcss.
- **Open AI Chatbot:** Next.js, TailwindCSS, Firebase, Google Sign-In and TypeScript.
- **Open AI DALLE2 Image Generator:** Vite, Tailwind CSS, ExpressJS, Cloudinary and MongoDB.
- **React Dashboard App:** React, Nivo Chart, MongoDB, ExpressJS, Mongoose, and Redux Toolkit.
- **Restaurant Management System:** .Net C# and MYSQL
- **Self-Balancing Robot:** Arduino
- **Music Player:** C#, Queue (ADT), Linear Search (Search Algorithm), Bubble Sort (Sort Algorithm).
- **Weather:** .Net C#, MYSQL, Weather API
- **Ecommerce:** Vanilla PHP, HTML, CSS, MYSQL and jQuery
- **Streaming Platform:** MERN, MUI, Swiper, React Router and JWT