MOHAMMED REZAAN RIYAZ

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EXPERIENCE

Company: *Axinom*

Fürth, Germany

Senior Frontend Engineer (Remote)

March 2024 – Present

- Served as the **Lead Frontend Developer,** leading a team of frontend engineers in the development and management of frontend applications for a prominent language school client.
- Developed and delivered three **progressive web applications** (PWAs) tailored to the client's needs: a descriptive content portal, film portal, and audio exam portal, using **Next.js**, a popular React framework.
- Implemented **i18n** features for seamless multi-language support enhancing user experience.
- Utilized **SCSS** (Sass) for efficient and maintainable styling, leveraging its features to streamline CSS development and technologies such as **React, TypeScript, and GraphQL** to create robust and user-friendly frontend solutions, ensuring an intuitive user experience.
- Moving from **0 to 1** production. Successfully led the frontend development and release of the entire application as the **final version** for **acceptance testing**, ensuring that all required features and functionalities were implemented and ready for evaluation by stakeholders and end users.
- **Convert** UX/UI framework to create visually appealing interfaces, garnering positive feedback from stakeholders and end-users.
- Leveraged companies' **internal product** named **Mosaic**, and its associated **micro frontends** - media, catalogue, entitlement, and **DRM** - to effectively manage and utilize the client's film and audio content.
- Collaborated closely with the **backend team** to integrate the frontend applications with the **Mosaic** web application's API, enabling seamless **content management** and retrieval.
- Successfully implemented **DRM services** and utilized the **Shaka Player** for secure playback of **protected content** within the frontend applications.
- Actively communicated with the **DevOps team** to ensure **smooth deployment** and operation of the frontend applications, maintaining a reliable and scalable infrastructure.
- Led **client meetings**, providing expert technical guidance and **proposing tailored solutions** to meet specific requirements, while **effectively coordinating** with cross-functional teams.
- Demonstrated exceptional **leadership skills**, coordinating tasks, providing mentorship, and ensuring **timely delivery** of high-quality solutions. Coordinated operations across **staging**, **UAT**, and **production** environments.
- Utilized **Azure DevOps** for project management, version control, and collaboration.
- Effectively communicated and coordinated with team members located across different countries, utilizing collaboration tools such as **Slack** for internal communication and **Zoom** for meetings. **Documentation standards** by crafting JIRA, and Confluence.
- Implemented **performance optimization** techniques, reducing page load times by 15%.
- Proactively identified and addressed **security vulnerabilities**, ensuring data integrity, and implementing best practices.
- Conducted **code reviews**, enforcing standards, and fostered a culture of continuous improvement within the team.
- A dynamic team in a **fast-paced** startup environment. Implementing **best practices** and industry standards.
- Experience in **Agile/Scrum** methodologies and contributed to sprint and retrospective.

Company: *Kodez*

Melbourne, Victoria, Australia

Frontend Engineer (Remote)

March 2021 – Feb 2024

- 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.
- 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.

University: La Trobe University
Research Assistant (RA) and Teaching Assistant (TA) for PhD Candidate in Cybersecurity (Remote)
Melbourne, Victoria, Australia
Aug 2021 – July 2022
RA Duties
- Collaborated closely with the PhD candidate on their research topic, which focused on **GDPR** (General Data Protection Regulation) and its implications in the field of cybersecurity.
- Played a key role in the **development** of a web application and associated tools, methodologies, and frameworks relevant to the candidate's research objectives.
- Demonstrated proficiency in coding and web application development, utilizing relevant technologies and programming languages as required.
- Implemented practical solutions and insights derived from the **research** to enhance the functionality and effectiveness of the web application
- **Collaborated** with the candidate to **gather data**, analyse results, and derive meaningful conclusions in line with the research objectives.
- Worked in adherence to **ethical** considerations and research protocols, ensuring the integrity and validity of the research findings.
- Maintained effective communication and a **professional working** relationship with the candidate, respecting their **authorship** and **ownership** of the research outcomes.

TA Duties
- **Assisted** the PhD candidate in **teaching responsibilities** by answering questions related to course materials and exams, ensuring students' understanding of the subject matter.
- **Graded** assignments and exams, providing constructive feedback to students to support their academic progress.
- Demonstrated strong organizational and **time management** skills in **balancing** responsibilities with other commitments.
- Actively participated in course planning meetings and contributed ideas for improving the **course curriculum** and instructional methods.

Company: *RaSoft*
Colombo, Sri Lanka
Frontend Engineer (Onsite)
June 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)

Dec 2018 – May 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

Bachelor of Science (B.S.) with Honours - Computer Science

University of Bedfordshire

LICENSES & CERTIFICATIONS

AWS Associate Solution Architect

PROJECTS

- **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 DALLE 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