

Afan Ahmed

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BE(Hons) Graduate from The University of Auckland with 3 years of working experience as a Software Engineer.

WORK EXPERIENCE

Software Engineer, Kolmeo – Australia

Feb 2023 – Present

- Improved performance across several pages within the main portal used by customers by optimising GraphQL queries and mutations, creating and refactoring React components to be more performant and introducing code splitting to pages, leading to a decrease in page load times by up to 60%.
- Refactored and uplifted the entirety of the Pubic API service from the backend (C#) to the database (SQL), reducing errors by 80% and increasing performance by 30%.
- Integrated our marketing service with a 3rd party across the period of 3-months which required involvement across all areas of the SDLC.

Software Engineer, HENNGE – Japan

Sept 2022 - Dec 2022

- Worked closely with the email archiver team to create the frontend for the archiver using React.js and Typescript which was used as a basis for the final version of the application.
- Created reusable React components which were tested using Jest, then added to the internal component library and integrated across different projects.
- Built a Twitter clone as part of onboarding process under the supervision of a mentor using React, Typescript for the frontend, Python, Flask for the backend, Redis as the database and deployed using AWS (EC2 instance) and Docker while liaising closely with the development team for build requirements.

Software Engineer, Sandfield Associates – New Zealand

Sept 2019 - Jan 2022

- Developed full-stack features for Sandfield's largest web application using JavaScript, C#, SQL, ASP.NET, SCSS.
- Built an automated testing framework and created a suite of automated tests using the developed framework for a client saving them 100+ hours in regression testing every 6-week release.
- Reworked mobile application features from frontend to backend while communicating with cross-functional teams, leading to an increase in usage from 10% to 90%+ across NZ, AU, and US branches for certain features.
- Scaled the features to handle real-time updates to synchronise data across devices with a TDD approach using Jest and NUnit, shaving hours off the logistics processes.
- Optimised application performance across both the frontend and backend, using techniques like lazy loading, pagination, minimising layout shifts, updating column indexes, among other optimisations, reducing load times by up to 70%.
- Enhanced application accessibility leading to a better user experience and resulting in the client wanting it standardised across the entire application, bringing in more revenue for the company.
- Mentored and onboarded junior members to the team helping them with environment setup, code reviews, issue replication, teaching them overall application flow and best practices.

EDUCATION

Bachelor of Engineering (Honours) – BE(Hons), Mechatronics, The University of Auckland

May 2020

SKILLS

Proficient: JavaScript (ES5/ES6+), React.js, TypeScript, jQuery, HTML5, CSS3 (SCSS/SASS/TailwindCSS), C#, LINQ, SQL, ASP.NET, GraphQL, Jest, Cypress, Styled Components, GIT, Bitbucket

Familiar: Next.js, React Native, IndexedDB, Redux, Selenium, Webpack, JIRA, AWS, Docker, Azure