

Afan Ahmed

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BE(Hons) Graduate from The University of Auckland with over 3 years of working experience, specialising in full-stack software engineering with a keen interest in frontend engineering.

WORK EXPERIENCE

Full Stack Software Engineer, Kolmeo – Australia

Feb 2023 – Present

Software Engineer Intern, HENNGE – Tokyo, Japan

Sept 2022 - Nov 2022

- Built a Twitter clone under the supervision of a mentor using React, Typescript for the frontend, Python, Flask for the backend and Redis as the database while liaising closely with the development team for build requirements.
- Worked closely with the email archiver team to mock out the frontend for the archiver using React which was used as a basis for the final version of the application.

Software Engineer, Sandfield Associates – New Zealand

Jan 2019 - Jan 2022

- Developed full-stack features for Sandfield's largest web application using JavaScript, C#, SQL, ASP.NET, SCSS.
- 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, shaving hours off the logistics processes.
- Optimised application performance across both the frontend and backend, using techniques like lazy loading, 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.

Software Engineer Intern, Sandfield Associates – New Zealand

Sep 2018 - Jan 2019

- 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.

PROJECTS

Google Drive Clone – <https://moogledrive.com/>

Apr 2022

- Developed MVP of Google Drive allowing users to create accounts, create folders and upload files.
- Tested each part of the application by writing tests using an end-to-end testing framework, Cypress.

Technologies used: React, Hooks, Context API, React-Bootstrap, Firebase, Cypress

EDUCATION

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

May 2020

SKILLS

Proficient: JavaScript (ES5/ES6+), React, TypeScript, jQuery, HTML5, CSS3 (SCSS/SASS/TailwindCSS), C#, T-SQL, ASP.NET, Cypress, Styled Components, SQL Server, GIT

Familiar: Next.js, React Native, GraphQL, IndexedDB, Redux, Jest, Selenium, Webpack, JIRA