Jia Han

**Senior Front-End Developer**

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**Profile Summary**

I’m a front-end-focused full-stack developer with over 10 years of experience building enterprise-grade web applications. Since 2024, I’ve been working on-site at BNZ via Datacom, contributing to two major React projects within the Digital Channels domain — the International Client and BioCatch SDK Integration.

In previous projects, I’ve also acted as a technical lead at Southern Cross Health NZ, where I provided architectural guidance, led front-end development, and mentored team members. I enjoy building scalable UI architecture with React, TypeScript, and modern testing tools like Vitest and Cypress. I thrive in collaborative Agile teams and I am passionate about continuously improving development workflows and front-end quality.

I’m now seeking a permanent opportunity at BNZ to continue making meaningful contributions.

Technical Skills

- Languages & Frameworks: JavaScript, TypeScript, React, Angular 2–7, .NET Core, C#, HTML, CSS/SASS/LESS

- Testing & Tools: Vitest, Cypress, Jest, Git, Azure DevOps, Agile/Scrum

- Architecture: Micro frontends, Redux Toolkit, React Query

- Databases: SQL Server

- DevOps: CI/CD pipelines (Azure DevOps, Jenkins)

Professional Experience

***Senior Front-End Developer — BNZ (via Datacom)***

**International Client**

• Modernised front-end code

• Replaced Redux with React Query, upgraded React version, refactored test suites

**BioCatch SDK Integration**

• Integrating BioCatch SDK into BNZ web apps using React

• Ensured seamless tracking and security alignment. Worked closely with multiple BNZ domain teams in Agile squads

Tech stack: React, TypeScript, React Query, Redux Toolkit, Cypress, Jest

***Front-End Lead Developer — Southern Cross Health NZ***

- Led front-end development of internal tooling built with React and TypeScript.

- Provided architectural guidance and coding standards.

- Mentored three developers and improved front-end quality.

***Lead Developer — RealMe Identity Verification Service***

- Led a small team of developers, responsible for code quality and release process.

- Collaborated with stakeholders on requirements.

- Implemented Agile methodologies.

***Senior Frontend Developer – Support Crew***

- UI design and frontend development

- Mentoring team members

***Senior Software Developer — NZ Police***

- Led a team of 8+ developers on Exhibit Management System.

- Worked on both front-end and back-end components.

***Software Developer – Electronic Travel Authority (IGMS – Immigration Global Management System)***

- UI development in Angular space

- Unit testing

- Front end development

- Project meetings and provide estimates

Queensland Treasury Corporation

- Setup website development that integrated with CRM system

- Core role for Wellington’s branch

- Front end development

- General issue resolution and questions and answers

***NZ Rental Fleets***

- Assist South Island’s Datacom branch (Nelson) with setup website foundation and template that was based on Angular and Python

- Frontend and backend development

***Parliamentary Services – Order Paper, Select Committee, ePetition and eSubmissions***

- UI development in raw Javascript and Angular

- Upgrading code base with more efficient structure

- Mentoring team members for their tasks

***Heritage NZ***

- UI development in AngularJS integrated with Sitecore content management system

- Integration with Google Maps API

Education

Bachelor of Computer Science — University of Waikato