

Conrad Johnston

Wellington, New Zealand • conrad@darnoc.co.nz • +64 27 655 9009 • [LinkedIn](#)

Sr. Front End Developer

Quality-driven software engineer with diverse experience in front-end, UX/UI, mobile, API design, and cloud infrastructure. Skilled leader and practitioner with success in creating team cultures that enable delivery of high quality features, with risks identified and mitigated, to strict deadlines and budgets. Accomplished in delivering delightful solutions, navigating graphic design, mobile responsive, animation, and UX challenges, and resolving issues to ensure both smooth app submission, and web deployments. Successful in various Software Development Life Cycles, and integrating these with agile methodologies. Talented in taking concepts from concept to launch using agile, kanban or scrum, test-automation and dev-ops.

React, React Native, Ember, iOS
Jest, Babel, Webpack, AWS,
Azure, Openshift, Docker

Consumer banking sites and apps, chat
bots, artificial intelligence, automated
testing, security, dev ops

Advertising
Banking
Government
Law enforcement

TECHNICAL PROFICIENCY

Languages:	JavaScript, Typescript, ES6, JSX, Node.js, Objective C, Swift, HTML, CSS, SASS, LESS, YAML, json, XML
Tools:	Git, rollup.js, next.js, babel, webpack, cucumber, Jenkins, Hockey App, Fastlane, Grunt, Expo, CI/CD pipelines, Jenkins, Azure, Amazon cloud service
Techniques:	AI, UX/UI design and implementation, responsive design, media queries, iOS development, Open API, functional programming, closures, event handlers, multi threading, event loops, test driven development, scrum agile
Testing:	Karma, Cucumber, QUnit, Jest, Chai, Mocha

ACHIEVEMENTS

Lead front end engineer for AI/Soul Machine "Ella": NZ Police's digital person. Who is stationed at NZ Police's HQ to talk to visitors about Police services and handle check-in. React. Google Dialog Flow. Soul Machines Digital Person, Intel AI, OpenShift.

Increased the level of automated code coverage on a major financial enterprise client by 30% at Alpherio Limited and mitigated the risk of the client's rebrand to their web properties. This client went on to win the 2019 Canstar Most Satisfied Customer Award.

Positioned ANZ NZ Bank (ANZ.AX, 2018 profits, \$6.5 Billion): to constantly score over 75% customer satisfaction (Roy Morgan) by introducing Apple Pay to the goMoney mobile banking app, and transitioning web-based Internet Banking from JSP pages to an Ember.js single page app.

Navigated the complexities of serving in a multi-functional role, handling sales, business development, and delivery of web based software products to clients (Ford, JWT, Ogilvy, Clemenger BBDO) at Darnoc.

Won a bronze in the BEST awards for work on a museum interactive installation at Darnoc.

PROFESSIONAL EXPERIENCE

Department of Internal Affairs – Wellington, **Front End Engineer (contract)**, March 2020 - Present

React development, as required supporting the Digital Innovation Lab doing the COVID-19 lockdown. Researching contactless user interfaces with voice interaction.

NZ Police – Wellington, **Front End Engineer (contract)**, May 2019 - Feb 2020

Drive initiatives to digitize the police service delivery to the community of 4.8 million citizen users by leveraging JavaScript skills to simultaneously target web, iOS and Android. Focus on building a truly native app while using web technologies that are familiar to a wide range of developers.

Alphero – Wellington, **Technical Lead**, May 2018 – May 2019

Lead the team implementing award winning features to web, iOS and Android platforms. Mentored 4 engineers. Spearheaded a culture of test driven development within the organisation allowing features to be delivered more rapidly by reducing the bottle neck of manual testing.

Implemented features and automated test suits in JavaScript and Objective C for an enterprise financial client, which gained 14,700 customers in 2018 and made a profit of \$15.4 million.

Rabid Technologies – Wellington, **Senior Developer**, Nov 2017 – May 2018

Helped client's become more competitive in their respective markets by implementing features that delivered business value. Scope required close collaboration with multiple departments and stakeholders during the sales and business development processes. Mentored 2 junior team members in working on projects budgeted up to NZD\$250,000 in iOS, Ember.js, and Rails development.

Oversaw the full scope of deliverables, requirements design, task prioritization, and performance optimization on a financial product that processed NZ\$28 million.

Expanded user access by designing websites with a UI/UX focus to function on iOS/Android mobile platforms.

ANZ – Wellington, **Senior Analyst Programmer**, May 2014 – Nov 2017

UX/UI solutions and features for Internet and Mobile banking while working as part of a Scrum/Agile team (3 devs, 3 testers, 1 BA, 1 PO) in front end development using Ember.js and iOS development using Objective C and Swift. Scope included delivering financial transaction solutions to a 1.7 million userbase.

Leveraged a technical expertise to work with the team during design sessions and translate their requirements into functional specifications for the team to understand, code, and build.

ANZ goMoney was the first mobile app in New Zealand to offer Apple Pay in-app provisioning.

Darnoc – Wellington, **Web & Software Developer**, Jan 2005 – May 2014

Development and design agency for web and software projects. Shaped the direction with forward-thinking design and front-end technology to create a unique and high-converting web presence for clients. Enhanced the user experience by creating visually appealing web pages that were responsive, had strong web performance, and clear navigation. Mentored three engineers. Projects:

The Vault, with Clemenger BBDO – Video archive with search and share facilities to store TV commercials via complex and highly designed front-end, HTML/CSS jQuery

Ford AB35 Parts Pursuit, with JWT – interactive game that ran with dozens of partner websites requiring encryption to prevent cheating

The Johnson Group – developed visual identity and integration with back office recruitment DB

ADDITIONAL HISTORY

Comtron International Ltd (Jan 2002 - Jan 2005) – **Founder, Web Development**

OPEN Networks Ltd (Jan 2001 - Jan 2002) – **Java Developer**

EDUCATION

BSc, Computer Science, Victoria University of Wellington (2001)