Carson Bruce

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I am passionate when creating simple and beautiful web applications. From system and .. design, Whole process. design -> release. Appreciation for processes through the entire stack - UX, Client, Server, Testing, and Architecture. I enjoy the details, optimising layout and painting, micro user interactions, Enjoy the landscape -> security, infastructure, ci,

Early adopter of Javascript technologies Angular, React, Node.js, Express. Embracing the shift towards more agile and simplier systems.

Leave me a message at **hello@carson.kiwi**

Experience

Solnet

Aug 2012 - Now (3.5 years)

I started Solnet a week out from graduating beginning in the delivery team of the company. A year in I moved on over into the Digital team where my love for JavaScript and appreciation for UX boomed. Experience with several significant clients mainly as a developer role but have been allowed to add value to all aspects More recently in my time at Solnet I have been involved in mentoring others in JavaScript tooling and practices

Research Project: Query Expansion

Nov 2011 - March 2012 (4 months)

My second research opportunity was offered by the supervisor of my honours project to further the project towards an end goal of a draft research paper. The paper was submitted and accepted to an Australasian Web Intellegence conference.

Research Project: Eye Gaze tracking

Nov 2010 - March 2011 (4 months)

I was awarded a research scholarship at the end of my 300 level university year giving me experience in planning directing a research project. With support from my supervisor and his team, I contributed to development on an open source gaze tracking system helping it evolve to a level where it might benefit the university, saving an equivelant commercial product cost of $10,000. In addition to learning about eye-tracking systems I gained experience in project practice and quickly learned C#.

Cool Bananas

Nov 2009 - March 2010 (4 months)

Interning with a fellow student alongside a senior software engineer I worked on a project developing a prototype scripting parser and runtime for embeded systems. The experience helped cement my years study learning C, Agile processes, and testing practices. The project proved successful gaining further funding being developed into a commercial product.

Education - TODO

TODO.

Projects

Employment Agreement Builder

Ministry of Business and Innovation and Employment

EAB is a web application realised to provide value to both front end users along with those responsible for its maintenance. Small to medium business parties use the tool to step through creating a new Employment agreement while at the same time educating themselves about employment law with easy to digest content. The project ran successfully meeting its objectives finishing in three months. I lead the solution design and implementation while mentoring a Senior Java developer transitioning to Javascript.

- Followed BDD and TDD development processes

- Data driven forms

- Through and through Javascript - client, server, test suite.

- Created a complete automation test suite covering close to all app features.

- Node.js micro services implementation

- Created a decoupled CMS component to support the application. See http://cmeasy.herokuapp.com/

- Created a decoupled html to docx and pdf rendering component

- Security implementation

- Performance profiling and reviews

- Automated testing and releases a dozen times a day

- Docker containerised environments handling node scaling, static servers and bringing deployment time down to seconds

- Angular.js front end

NEON
Sky Television

- Time critical environment

- Collaberation with UX and design teams ensuring good usability of solution

- Presented UX and design solution alternatives to client

- Worked remotely for half the project

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Online Banking
Westpac

- Tech leading and mentoring of a team five large

- Improved developer tooling and experience with features like livereload

- Created the Client and Middleware security feature

- Middleware Javascript framework design, implementation, and testing

- Gatekeeper of critical environments used by a team of 60

- Provided IBM Worklight and Backbone.js consulting

- Hybrid and webapp application design
- Performance profiling of application

Air Forms
Air New Zealand

- Data driven forms
- Hybrid application design running on Supersonic
- Polished the application improving rendering performance and removing jank

Learning clients name game
Classified

We entered in a competition to imagine, design, and develop a proof of concept mobile gamification app in 3 days. We placed top in the competition winning the prize of placing in the companies evaluation panel for future projects.

- Created a complete proof of concept application in 3 days
- Succeeded in gaining a position on the clients project panel
- Hybrid application design
- Worked efficently with other Javascript, UX and UI developers

Employee Cost Calculator
Ministry of Business and Innovation and Employment

- Created proof of concept application as presales
- Contributed to the RFP solution design and estimates
- Designed and implemented Google Analytics solution
- Managed UAT test handover

Public website
Solnet

- Self managed team

- Self managed team
- Collaberated closely with designer and UX roles
- HTML, CSS, JS development
- Implemented Node.js SEO and decoupled static content

ACC

Shared Capability

- Java developer
- Quick learner
- Enterprise application environments
- Successfully integrated IBM Forms Experience Builder product with IBM Portal collaberating with IBM development team and providing development experience solutions

Skills - TODO

TODO

Interests - TODO

- Javascript
- User Experience
- Netball
- Running
- Cycling
- Photography

- Gaming
- Sound systems
- Beer brewing
- Stenciling