

Pete Field

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An Innovator and Engineer with a dash of Artist, able to envision the future and use technology to make that future a reality. Experience with modern Javascript frameworks including Backbone, Knockout and Angular. I've recently been developing a group of developer tools and an IDE written in Node.js, Angular.js and javascript, to be open-sourced soon.

Online Resume – <http://pedalpete.github.io/resume> (written in Backbone.js)

Sample App – http://pedalpete.github.io/windows_idea (written in Angular.js)

Professional Summary

Innovator: Thorough experience in envisioning and creating new products and experiences and improving business processes through technical and non-technical design.

Developer: Built industry leading technology which had stumped multiple highly paid teams, including developing the world's largest database of concerts, effective musician popularity algorithms and data-management systems.

Technical Skills Algorithms, Angular.js, Backbone.js, Business Planning, CSS, Data Management, Javascript, jQuery, Knockout.js, LESS, Machine Learning, MongoDB, MySQL, PHP, Postgres, Product Management/Project Management, Ruby on Rails, UX

Continuous Improvement & Open Source Contributions

- January 2014 - Favor – a collection of developer tools with a focus on building node-webkit apps and an IDE with a focus on modern javascript tools. End result will be an IoT framework easing development and management of applications. All modules currently Pre-Alpha - <https://github.com/favor>
- July 2013 – Coding the Matrix, Coursera Linear Algebra and Machine Learning course, completed with 81.2% final grade.

Relevant Experience

Javascript Developer

Sydney Start-up Angular.js, Backbone.js, Ruby on Rails, PhoneGap/Cordova, iOS, Android
November 2013 – January 2013 (2.5 months)

Unfortunately, the start-up I joined in November 2013 is going through some difficult times and they've had to let go of the development team. The company has not yet made their status public, so I am keeping their details private until they make an announcement regarding either new funding or closing.

Achievements

- During my short time at this start-up, I added one major location based component to their app, which was released on all platforms (Web, Android and iOS). It was a key feature to the offering which users had been requesting.
- Improving usability, mostly through fixing of bugs including improved notifications count on mobile devices.

Responsibilities

- Continued development of new features and movement of key functionality from legacy Backbone.js app to newer Angular.js version of the app.

Senior Software Engineer

IndustrieIT Ruby on Rails, Knockout.js, MongoDB, PhoneGap/Cordova, iOS, Android
January 2013 – June 2013 (6 months)

IndustrieIT is a medium sized Sydney based consulting company working with multiple national Australian brands and major government initiatives.

Achievements

- Continued development of features and ongoing maintenance for a national Australian brand's Ruby-on-Rails/MongoDB website and API
- Focus on national Australian Brand's HTML5/Phonegap app which is available in both the Apple and Google Play app stores.
- Designed innovative log-in system to increase CRM system sign-ups, implemented app features which had been previously postponed due to difficult implementations.
- Created product upsell system on mobile application and server-side API to recommend related products and increase revenue per order.
- Reconfigured mobile app to enable 'menu browsing', the most requested feature for over a year which the initial development team thought would be too difficult to implement.

Responsibilities

- Ongoing maintenance and development
- Weekly sales reporting and reconciliation
- Product improvement recommendations

Founder

Kitchon Ruby on Rails, Backbone.js, PostgreSQL
November 2010 – January 2013 (2 years – 10 months)

Recognized unique opportunity in recipe market and undertaking a very challenging initiative to enable computers to help us be better cooks. Still in development after many iterations of user testing, constantly learning more about design and machine learning in order to accomplish this very challenging task.

Achievements:

- Early prototypes of cooking app which merges multiple recipes together to create a complete meal.
- Early praise by recipe publishers and potential content partners.
- Have achieved success where many others have failed or given up in the past, included natural language parsing of ingredients.

Responsibilities:

- Create a new business focused on modernizing and improving the recipe and cooking experience.

Emprendador

Start-up Chile Ruby on Rails, Backbone.js, jQuery, Javascript
November 2011 – June 2012 (8 months)

Start-up Chile is an initiative operated by the Chilean Economic Development Agency to foster Entrepreneurship in Chile, with the goal of making Chile the Technical Hub of Latin America.

Achievements:

- Started the Santiago chapter of OpenCoffee.
- Worked with Chilean design graduates giving them experience working on web projects.
- Started the Start-up Chile technology 'tribe', a group of talks presented by other Start-up Chile technologists to foster learning across more than 100 start-up companies.
- Provided business and technical guidance to both local and global start-ups

Responsibilities:

- Foster innovation and entrepreneurship in Chilean Communities
- Link Chilean Entrepreneurs with my extended Global Network

Product Manager, Data Management Architect & Developer

Bravo Business Media Ruby on Rails, MySQL, jQuery, Javascript
May 2011 – October 2011 (6 months)

Bravo Business Media (sold in 2012), was a drop-ship platform provider focused on the household lighting and fixtures market.

Achievements

- Gathered business requirements, and envisioned a solution to painstaking highly labour intensive data management system .
- Delivered a web-based solution resulting in 75% reduction in processing time and considerable accuracy improvement.

Responsibilities

- Find a way to improve the data management process.
- Deliver a web-based solution to ongoing data-management challenges.

Founder

HearWhere PHP, MySQL, jQuery, Javascript, Flash

June 2008 – December 2010 (2 years 7 months)

HearWhere was the world's largest concert database, serving concert listings world-wide both on the HearWhere website and through an API to global brands including Maxim Magazine's music arm, Blender.

Achievements:

- Taught myself to code resulting in development of the world's largest concert database and search engine with more than 8 million concerts.
- Developed artists popularity algorithm for recommending best touring artists by region.
- Developed high-availability API serving and licensed capabilities to Maxim magazines Blender.com.
- First concert listing site able to sample artists music while browsing currently touring artists.

Responsibilities:

- Design and develop a business to provide world-wide concert listings
- Ongoing planning, project management and development of website and API
- Sales and partnerships to provide concert listings to other websites

Mobile Strategy & Project Manager

MusicIP

September 2006 – April 2007 (8 months)

MusicIP was a start-up focused on music recognition technologies providing capabilities similar to Apple's Genius and Track ID technologies.

Achievements:

- Developed technology strategy and recommendations for placing acoustic matching technology on phones and mobile devices (pre-iPhone).
- Product Managed web-properties for SAAS product
- Envisioning and managing design and development of the companies acclaimed 'playground' music discovery web-app.

Responsibilities:

- Understand the technical challenges of music recognition on resource constrained devices.
- Map out the major players in the embedded music space, understanding their business propositions and likelihood of success in order to target the best strategic opportunities.
- Enable developers to easily access the desktop capabilities of MusicIPs recognition technology
- Product Manage a web-based solution to showcase MusicIPs music matching technology.

Operations Manager

Whistler Film Festival

October 2004 – December 2004 (3 months)

The Whistler Film Festival is a highly attended event which takes over the town of Whistler for 10 days in the early season. The year I was manager experienced explosive growth

Achievements:

- Managed a great team through a year of explosive growth and media attention for the festival,
- Managed more than 600 Volunteers, 6 major Industry Parties and multiple National Blockbuster Premiers including Finding Neverland and The Motorcycle Diaries.

Responsibilities:

- Preparation and logistics of multiple events over the course of 10 days, with only 6 weeks of preparations
- Set-up two physical sales centers and a call center for ticket sales
- Organize sponsor advertising placements and manage conflicts with local competing sponsors.

Project Manager

Intrawest HTML, CSS, Javascript, Exchange Server, Verity Search, Windows Server

October 2001 – August 2003 (1 year 11 months)

Intrawest was the largest Resort Operator in the world running diverse businesses from Property Development to Recreational Equipment Rental, and much more.

Achievements:

- Envisioned and managed development of cutting-edge company-wide knowledge management system for 24,000 employees.
- Resulted in an innovative document storage and retrieval system including search capabilities and on-the-fly html translation of documents, making over 2,000,000 of the companies documents searchable and shareable.
- Replaced the 'desktop' for many users by providing a better and faster way for them to access their files.
- Managed the successful proof-of-concept development for company-wide HR review system.

Responsibilities:

- Plan and Lead a team of developers and coordinate with more than 30 stakeholders in the development of a company -wide Knowledge Management system. Reporting to the CIO.
- Work with group 20 HR managers in the development of a proof-of-concept employee review system.