IAN BELCHER

SOFTWARE INDUSTRY PROFESSIONAL

EXPERIENCE ━━

Co-founder and CTO | Deckee | 2015 – current

Australian based startup pegged as 'Waze for the waterways'

Responsibilities:

- Formulation of strategic goals and OKR's for delivery. Driving teams towards goals through compelling visionary leadership.
- Building domain specific teams around business objectives. Fostering trust in teams both horizontally and vertically while driving both personal and group level development.
- Helping teams increase both the breadth and depth of their impact within the business.
- Architecture, scalability, distribution and security of multi-tiered systems.
- Investigation, integration and utilization of available technologies, building internal competencies and strategic advantages.
- Mediation of technical debt vs deliverable functionality vs future costs.

Highlights:

- Working with a number of Australian state governments directly on data integrations. Consulting with these agencies as to the best way to make their data publicly available to other organizations.
- Achieving endorsement by the New South Wales Government for our product.
- Acquisition of a number of internet properties, the largest being Fish Raider, the largest fishing forum within Australia.
- Hockey stick growth in users after achieving product market fit.
- Remarkable technical design of system allowing massive pivots. A migration of our large scale front-end from Angular to React took one employee under 2 weeks to complete.

Owner and Consultant | Digitally Enabled | 2015 – current

High-caliber consulting for numerous businesses

Responsibilities:

- Conducting discovery, clarification and prioritization sessions to formalize the client's goals, requirements, existing competencies and constraints.
- Collecting data to enable and ensure best decision-making processes
- Developing and documenting possible solutions, advocating for each based on relative merits and limitations in the context of the organization.
- Delivery of project management plan in the context of chosen solution, implementation and management of plan as project progresses.
- Development of software in accordance with plan.
- Project close out, ensuring clean handoff of product to client and all requirements met.

Highlights:

- Worked directly with PWC to build a white-labelled, intranet styled app which was on sold to their own clients. This allowed for the sharing of documents and other information, direct notifications and BC/DR coordination all through a single app.
- Helped Newcastle Australia based agency Headjam deliver a research-based poker machine app for University of Southern Queensland, a world leader in the study of gambling addiction. Built in angular, the animations mirrored that of a typical poker machine and was optimized to the point that it ran at 60 fps.
- Other clients have included Newism (AU), DYWIDAG systems international, Serena and Lily (US), ArcherBell (AU), Voicebase (US).

EDUCATION ━━

Master of Data Science | University of Newcastle Australia | current (graduate end 2020)
Currently pursuing a computational intelligence specialization. Not attempting to transition my career, just looking to more effectively communicate with this cross-cut concern while continuing to build web products.

MBA | University of Newcastle Australia | 2015
Completed Master of Business Administration with eBusiness specialization with a distinction level average.

Master of Information Technology | University of Newcastle Australia | 2014
Completed Master of Information Technology with a distinction level average.

Diploma of Project Management | Hunter Institute of TAFE Australia | 2014
Completed Diploma of Project Management to supplement my real-world experience and formalize subject matter experience

Bachelor of Business | University of Newcastle Australia | 2008
Completed Bachelor of Business degree with major in Industrial Relations and Human Resource Management.

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NOTABLE

Portfolio Videos

For a quick introduction to my skills and previous work, the following videos are available:

January 2019: https://youtu.be/TByOFt0cOcE

September 2017: https://youtu.be/3SVb5aZfklg

Co-founder of Newwwie

Started a digital creator community with 3 other members in 2014 which has grown to be a central hub for the industry in the Newcastle area. We now boast 300+ members, numerous meetups and a fantastic range of different interest groups.

Homepage: https://newwwie.com

Doom WebXR

A project that I work on from time to time that can convert old doom levels into WebXR experiences. Levels are currently about 98% correctly built.

Demo: https://doom-webxr.ianbelcher.me Repo: https://github.com/ianbelcher/doom-webxr

Founder of Colab Software

During my career, I have met a number of entrepreneurial developers like myself with strong business, product and development skills. While independence is great, maintaining inertia and keeping yourself 'honest' to your plans without a team can be one of the biggest challenges.

Colab is an attempt to solve the issue of isolation, working with other highly talented developers with a risk factored equity sharing model. While this project is in its infancy, it has gained a significant amount of interest with the small number of developers who have been introduced to it so far.

Encrypt Chat

I built this POC over the course of two weekends a few years ago. Allows fully anonymous communication via a zero-knowledge system. I use this now as more of a quick personal tool when I need to communicate securely with less technical users or those without GPG knowledge.

Homepage: https://encrypt.chat

Professional Musician

I have over 1000 hours of stage time as a singer and occasionally other instruments in various bands.

Military Experience

Previously enlisted as a reservist in the Australian Army as a Combat Engineer.

Rotary Volunteer

Based on my own experience of wonder and learning that came when I first used Encarta 95, I travelled with Rotary to Nondugl in the Jiwaka province of Papua New Guinea with the intention of providing offline versions of Wikipedia to locals. Previous Rotary trips to the area had provided computers to the local library, but without internet access, this hardware had not been utilized. Unfortunately, due to the tropical climate and the very open nature of buildings in the area, the computers were inoperable when we arrived due to dust and moisture.

On the positive side, telecommunications in the area had started providing data to users which gave them access to Wikipedia via their mobile devices, as well as everything else available on the internet, an outcome much better than I had hoped to provide.

Founder of Rotary Youth Chapter Hamilton

After volunteering with Rotary in PNG, I worked with a group of younger individuals to initiate a youth chapter of Rotary in our local area. Unfortunately, we were unsuccessful gaining much traction with younger members of the community based on the more classical style of the organization, and due to the differing of priorities between the organization and the concerns of younger members of the community.

Youth Club Volunteer

I performed over 10 years of service for the Police & Community Youth Club Brass Band when I was younger. This involved helping teach and mentor younger members, while also performing often. I eventually was awarded the Duke of Edinburgh's Gold Award for my efforts within this organization.

CONTACT

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