

MICHAEL J COLLINS

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PERSONAL SUMMARY

I'm a JavaScript Web Developer who loves to learn new technologies and build modern websites. I really enjoy problem solving and the immediate feedback you get from software development. I have always been passionate about product ideas and the gateway to customers has always been software. Understanding this, I took it upon myself to learn modern, JavaScript based web application technologies so that I can have the skillset to help companies flourish and grow online. I have experience full stack web apps featuring authentication, user roles, API development, server side rendered dynamic data for SEO and static HTML generation.

PROJECT EXAMPLES

To view examples of some of my work head to www.MichaeljCollins.com.au.

SKILLS

Tech

JavaScript, HTML5, CSS, ReactJS, NextJS, ExpressJS, NodeJS, JQuery, ReactRedux

Tools

Git, Microsoft Office, MATLAB, Arduino, Firestore, FaunaDB, Fusion360, Photoshop

EDUCATION

Feb 2014 – Nov 2018 – University of Sydney – **Bachelor of Engineering Honours (Chemical and Biomolecular Engineering).**

EXPERIENCE

Phifinder.com – Founder & Developer (July 2021-September 2021)

- Founded and developed Phifinder.com using NextJS, ExpressJS and Firestore as a part of Antler Australia's early-stage start-up accelerator

Antler early-stage VC start-up accelerator (July 2021-September 2021)

- Accepted into and participated in Antler Australia's early-stage start-up accelerator program (5th cohort)

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EXPERIENCE CONT.

The University of Sydney, School of Electrical and Information Engineering - Research Associate (May 2018- March 2021)

- Primary researcher and inventor of a commercially funded consumer medical device, for the non-invasive measurement of blood ketones.
- Responsibilities included chemical research, MATLAB, physical device prototyping, stakeholder engagement, external status reporting, fundraising, and strategic planning

Zip Co Credit Analyst (March 2017-October 2018)

- Underwrite unsecured lines of credit up to \$40,000
- Analyse and detect fraudulent applications

Zip Co Customer Service (March 2016-March 2017)

- Inbound and outbound point of call for customers, new and existing merchants/clients, for B2B operational training, debt collection and customer troubleshooting.

ADDITIONAL INFORMATION

Primary inventor of multiple Australian provisional patents:

- M. Collins, X. Yi, J. Wu, and M. Austin, "A device for determining a concentration of a carbonyl containing compound," Australian Provisional Patent No. 2019902157, filed June 2019. (Updated patent by including new IP protection)
- M. Collins, X. Yi, J. Wu, and M. Austin, "A device for determining a concentration of a carbonyl containing compound," Australian Provisional Patent No. 2018904856, filed December 2018.
- M. Collins, X. Yi, J. Wu, Y. Han and M. Austin, "A sensor for sensing a concentration of an analyte," Australian Provisional Patent No. 2018903323, filed September 2018