


# Nicholas Whittaker

Developer, Musician, Lawn Bowler — Melbourne, Australia

 [nchlswhttkr@gmail.com](mailto:nchlswhttkr@gmail.com)

 [github.com/nchlswhttkr](https://github.com/nchlswhttkr)

 [linkedin.com/in/nchlswhttkr](https://linkedin.com/in/nchlswhttkr)

 [nchlswhttkr.com](https://nchlswhttkr.com)

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## Experience

### Monash University (eSolutions)

Jan 2018 - Jun 2019

Junior Software Developer

- Developed MonPlan, Monash's service for study planning and online course advice
- Engaged with and presented to faculties and departments across Monash to introduce and launch MonPlan in 2018
- Partnered with the Research unit on placement to bring their reporting apps to the cloud

### Code Camp

Jun 2017 - Dec 2017

Teacher

- Taught children the basics of coding, building their own games in a holiday program
- Ensured campers had a fun, positive experience while learning the logic of computers

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## Projects

### MonPlan

[monplan.apps.monash.edu](https://monplan.apps.monash.edu)

JavaScript (React, Redux, React DnD)

- I was a frontend developer with a team of students, and together we delivered Monash University's **first online course planning service**.
- I gave MonPlan a major UI upgrade over 2018, making it **responsive** and **accessible** to all users while upgrading our UI framework under the hood.
- We also introduced new features, including course advice from faculty staff and enrolment validation, while maintaining existing functionality for our student users.

### Mellophone

[github.com/nchlswhttkr/mellophone](https://github.com/nchlswhttkr/mellophone)

TypeScript (React), Python (Django) with GitLab CI

Mellophone is an app for taking meeting minutes, which I started it as a hobby project to explore new technologies and to own the full stack.

- The frontend is **React (TypeScript)** with tests using **React Testing Library**.
  - Backend is a **Django** application that follows RESTful principles.
  - **GitLab CI** pipeline runs unit tests and end to end tests before deploying to a **DigitalOcean** droplet.
  - I taught myself **Docker** to set up an controlled environment for development and CI.
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## Education

**Bachelor of Computer Science**  
Monash University

2017 - 2019

Specialising in Data Science with an Industry-Based Learning placement in 2019.

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## Community

- Volunteer, student mentor and past committee for WIRED, supporting IT at Monash
  - Open source contributor attending conferences, meetups and hackathons in Melbourne
  - Musician with brass bands and orchestras around Melbourne, playing in competitions and community gigs
  - Bowler and barman for Coatesville Bowling Club
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## Skills & Interests

I'm most confident with the frontend web stack, building with **React** and using developer tools to ensure an accessible and consistent user experience.

I'm keen about automation, and like to use CI/CD in my work to test and deploy my projects to **DigitalOcean**, **AWS** and **GCP**. Recently, I've been using **GitLab CI** and **Buildkite**.

Currently, I'm teaching myself **Golang** and exploring **Docker** further. I believe in learning by applying, and try to show this through my projects on GitHub for others to see!

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