

# Ethan Hawkins

## EDUCATION

### University of Melbourne

BSc, Computing and Software Systems

Melbourne, VIC

Feb. 2022 – Dec 2024

**Courses:** Algorithms and Data Structures, Object Oriented Software Development, Database Systems, Computer Systems, Software Modelling and Design, Quantum Computing, Machine Learning, Linear Algebra, Declarative Programming.

## WORK EXPERIENCE

### Altis Consulting - Snowflake, SQL, Python

Technology Intern

Jul. 2023 – Present

Jul 2023 - Oct 2024

- Developed and integrated 5+ ETL Pipelines for a top client
- Streamlined the DevOps process with Python tools to automate compliance checking for code standards, saving 2+ hours of time per deployment cycle.
- Engineered complex JavaScript stored procedures in Snowflake to ensure consistency of code across environments, with 100% code coverage.

Consultant

Oct. 2024 - Present

- Skipped Graduate role due to high level of responsibility managing the integration of 3+ complex, real-time SQL based systems in an ASX top 20 company.

## PROJECTS

### Momentum Master App — TypeScript, Auth0, AWS, CICD, Flutter

July 2024 – Nov 2024

SCRUM Master and Full-Stack Developer

- Driving team collaboration in a group of 5 using SCRUM methodology, executing 3-week sprints, and maintaining detailed documentation on Confluence.
- Implementing and managing CI/CD pipelines via Vercel and Gitlab for efficient deployment and integration.
- Developed and implemented comprehensive unit tests for backend APIs using Jest, ensuring 95% code coverage and validating core features including user authentication, data entry, and retrieval.
- Lead the team as SCRUM Master, ensuring the team vision was kept in tact, completing 15+ epics in 12 weeks.
- Created a fully featured REST API using excellent design principles, with 20+ endpoints.
- Completed many code reviews on both the frontend and backend to ensure code quality is maintained.

### Personal Portfolio Website — JavaScript, React, HTML, CSS, ThreeJS, Node.js

2024

Personal Project

- Developed a full frontend website with interactive 3d features to showcase my work.
- Learnt vital JavaScript skills on cutting edge frameworks.

### IMAP Mail Client— Rust, TCP, UDP, IPs

2024

University Project

- Designed and implemented a fully featured IMAP mail client in Rust using networking libraries.

## EXTRACURRICULAR

### Code Club Australia

Jan 2023-Present

- Volunteered time weekly, to teach primary school aged children how to code in Python.

## SKILLS

**Languages:** C, Java, Python, JavaScript, SQL, TypeScript, Dart, Haskell, Prolog, Rust, C#.

**Developer Tools:** Git, VS Code, PyCharm, IntelliJ, MySQL, Jupyter, AndroidStudio, Flutter, Node.js, Snowflake, NeoVim, Azure DevOps, SQL Management Studio.

**Project Management & Collaboration Tools:** Slack, Jira, Confluence, Agile Methodology.

+61403057867 | [ethanwhawkins@gmail.com](mailto:ethanwhawkins@gmail.com) | [linkedin.com/in/ethan-hawkins-24486a244](https://www.linkedin.com/in/ethan-hawkins-24486a244) | <https://www.computer-games.xyz/>