

# Ethan Hawkins

## EDUCATION

### University of Melbourne

Melbourne, VIC

BSc, Computing and Software Systems

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, dbt, Azure, AWS, Streamlit

Jul. 2023 – Present

*Technology Intern*

Jul 2023 - Oct 2024

- Developed and integrated 10+ 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.

*Graduate Consultant*

Oct. 2024 - Present

- Managing the integration of 5+ complex, real-time SQL based systems in an ASX top 20 company.
- Built a complex Streamlit report in Python to help an ASX top 200 Company fulfil their ACCC obligations.

## 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, completing 15+ epics in 12 weeks.
- Created a fully featured REST API with 20+ endpoints.
- Completed 20+ code reviews on both the frontend and backend to ensure code quality was maintained.

### Merger Status Streamlit App —Python, Streamlit, Snowflake

Feb 2025

*Work Project*

- Wrote a fully featured Streamlit app for helping a company fulfill their security obligations to the ACCC whilst undergoing a merger under a tight 2 week deadline. Implemented complex row-level security and masking policies in the app.

### Applyify— Javascript, Gen AI

Nov 2024

*Personal Project*

- Built a full web app that helps job seekers apply for jobs by giving real time feedback on their resume as they browse job sites.

## EXTRACURRICULAR

### Code Club Australia

Jan 2023-Nov 2024

- 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#, Lua.

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

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

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