



Ethan James

NZ Citizen | +64 272189479 | jamet966@student.otago.ac.nz

LinkedIn: ethansantiagojames | **Website:** ethan-santiago-james.com

FULL STACK DEVELOPER

Results driven **Software Engineering** student with **2 years of experience** designing **Full Stack Software Applications**. Proven ability to build **data driven** software that has an impact for the betterment of society. Available for work **between November 2025, and March 2026**.

Technical Excellence: Highly proficient in **C#, JavaScript, SQL, and Object Oriented Programming**.

Impact-Driven Development: Developed a cloud-native application using **JavaScript, and SQL** that helped **over 50 university students** catch up on missed university lectures by having it automatically generate timetables for them. **Consulted** emerging business owners in reducing e-commerce setup costs **by up to \$6,000** through hands-on Shopify website development and initial configuration.

Seeking a Software Engineer internship to drive innovation, develop cutting-edge software, and learn from the best in the industry.

EDUCATION

University of Otago, NZ

Bachelor of Science with Software Engineering Major, and Computational Modelling Minor

Grade: **8.1 GPA**

Dunedin, Otago

Expected Graduation, December 2026

- **Concentrations:** Software Development Using Java
- **Related Coursework:** Cloud Native Development, SQL, JavaScript, Software Development Methodologies, Networks, Continuous Integration

EXPERIENCE

Software Consultant
About You Giftboxes

Jun 2025 - Jul 2025

- Assisted emerging business owners in **reducing e-commerce setup costs by up to \$6,000** through hands-on Shopify website development and initial configuration, enabling clients with no prior technical experience to independently manage their online stores.
- **Tech Stack:** DNS Configuration, Server Hosting, Cloud Computing

Freelance Full Stack Web Developer
ongoing

Jul 2024 - Pres

- Developed a full-stack web application that has **helped over 50 university students** catch up on missed lectures by having the application generate a timetable for them
- **Tech Stack:** HTML, CSS, SQL, Node.js, Express.js,

Freelance Java Developer
ongoing

Feb 2024 - Pres

- **Collaboratively** developed image editor application where my main responsibilities were setting up the CI pipeline **improving development productivity by over 20%**
- **Tech Stack:** Java, Swing, Continuous Integration, Git, GitHub, Docker

SKILLS

- **Programming:** Java, Python, JavaScript
- **Web Development:** HTML/CSS, Node.js, Express.js, Passport.js
- **Database Management:** SQL (PostgreSQL)
- **Cloud Computing:** System Design, Server Hosting, DNS Configuration
- **Testing and Automation:** Test Driven Development, Continuous Integration
- **Development Tools:** VS Code, Git
- **Software Development Practices:** REST API Development, Don't Repeat Yourself, Predictive and Adaptive Methodologies

KEY PROJECTS

- **ANDIE (A Non Destructive Image Editor)** Jun 2025 - Pres
 - Collaboratively developed image editor application where my main responsibilities were setting up the CI pipeline **improving development productivity by over 20%**
 - Also responsible for adding **a macro feature** which allowed users to record sequences of image operations improving the efficiency of imaging editing on the application **by exponential amounts**
 - **Tech Stack:** Java, Swing, Continuous Integration, Git, GitHub, Docker
- **Lecture Cram Planner** Nov 2024 - Pres
 - **Developed a full-stack web application** that has helped **over 50 university students** catch up on missed lectures by having the application generate a timetable for them
 - **Used asynchronous code development** to move timetable generation times **from 10 seconds to half a second**
 - **Tech Stack:** HTML/CSS, Node.js, Express.js, SQL