Ethan James

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LinkedIn: ethansantiagojames | **Website:**

SOFTWARE ENGINEER

Results driven **Software Engineer with 2 years of experience** designing **Java, and Python applications**. Proven ability to build software that has an impact for the betterment of society.

Technical Excellence: Highly proficient in **Java, SQL, and Python.**

Impact-Driven Development: Built an application that helped **over 50 university students** catch up on missed university lectures.

Seeking a Java Software Engineer position at Company Name to drive innovation, optimise performance at scale, and use my technical skills to make a real world impact.

EDUCATION

University of Otago, NZ   **Dunedin, Otago**
Bachelor of Science with Software Engineering Major   *Expected Graduation, December 2026*
Grade: 8.1 GPA

- **Concentrations:** Software Development Using Java
- **Related Coursework:** Software Project Management, Test Driven Development, Database Design, Agile Development, System Design Architecture, Back End Web Development

EXPERIENCE

Freelance Java Developer   *Feb 2024 - Pres*
ongoing

- Automated unit testing, public API updates, and JAR file releases through the development of a continuous integration pipeline on GitLab **cutting manual effort by 20%**
- **Tech Stack:** Java, GitLab, YAML, SQL, Git

Freelance Web Developer   *Jul 2024 - Pres*
ongoing

- 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,

Software Consultant
About You Giftboxes

- 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

SKILLS

- **Programming:** Java, Python, JavaScript
- **Web Development:** HTML/CSS, Node.js, Express.js, Passport.js
- **Database Management:** SQL (PostgreSQL)
- **Game Development:** Unity (C#)
- **Testing and Automation:** TDD, CI
- **Development Tools:** VS Code, Git
- **Software Development Practices:** REST API Development, Don't Repeat Yourself, Predictive and Adaptive Methodologies

KEY PROJECTS

- **Internship Web Scraper**

  - **Developed a web scraping application** that speeds up internship opportunity search **by up to 10 minutes** by scanning for opportunities not advertised on common job sites
  - **Tech Stack:** Python, Selenium, Tkinter, Beautiful Soup, HTML Parsing

- **Lecture Cram Planner**

  - **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