

Jerome Joseph

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PROFESSIONAL SUMMARY

I am a motivated software engineering student with a solid understanding of software development principles. Eager to apply my programming, debugging, and problem-solving skills to contribute to the development, testing, and optimization of software systems. I bring a proactive attitude, a willingness to learn new tools and technologies, and a strong interest in building reliable, efficient software as part of a collaborative team.

SKILLS

Programming Languages	Web & App Development	Database & Tools	Hardware & Engineering Tools	Soft Skills
Java	HTML	MySQL	SolidWorks (CAD)	Problem-Solving
C++	CSS	MATLAB	Multisim	Communication Skills
C#	Unity	Microsoft Excel	Sense HAT	Team Collaboration
Python	Git/GitHub	Microsoft Word	(Raspberry Pi)	Adaptability
JavaScript	Agile Development	Microsoft PowerPoint		Attention to Detail
SQL				Time Management

EDUCATION

Bachelor of Software Engineering (Honours), Auckland University of Technology, Auckland, NZ

Expected completion: July 2026

Software Team Project | ENSE601

Designed and implemented a Unity based arcade game application for featuring a 3D lobby, user login system, and mini-games using C#. The project followed agile methodologies (user stories, sprint planning, retrospectives) and utilized Git and Trello for version control and project management. My responsibilities included serving as the Scrum Master, programming, designing user interfaces, conducting testing, sprint planning and coordinating team activities.

Software Construction | ENSE600

Gained experience in software design and construction methodologies. Worked on building robust, maintainable systems using test-driven development (TDD) and design documentation.

Microservices | INFS605

Conceptualised a scalable microservices-based platform with a focus on containerised deployment and API gateway integration to ensure reliability and data security. Collaborated on architectural design and documentation as part of a team project.

Embedded Software Engineering | ENSE810

Created an IoT weather station with real-time data collection and visualisation. Through the Sense HAT, it was capable of sensing environmental data such as temperature, humidity and pressure. Software and hardware was integrated for efficient data handling.

Relevant coursework:

Object-Oriented Programming, Database System Design, Data Structures and Algorithms, Formal Specification and Design, Contemporary Issues in Software Engineering and Engineering Management.

EXPERIENCE

Woolworths

Checkout Operator, 06/09/2021 - Present

- Operated checkout systems and processed an average of 150+ transactions per shift with over 98% accuracy by double-checking item codes and customer promotions while also ensuring smooth and timely customer flow.
- Delivered friendly and efficient service across multiple departments including deli, seafood, and grocery, adapting quickly by learning cross-functional procedures to meet dynamic store needs.
- Enhanced online order processing efficiency by reorganising staging areas and streamlining product flow, reducing order preparation time by approximately 25%.
- Assisted in inventory restocking and shelf replenishment during peak hours, improving availability and contributing to a 15% faster replenishment cycle.

Electoral Commission

Election Official, 19/03/2023

- Counted and verified over 1,000 ballots during election day operations, maintaining 100% accuracy to uphold voting integrity.
- Adhered to strict procedural guidelines and security protocols outlined by the Electoral Commission.
- Collaborated with a team of 10+ officials to complete ballot processing under an 8-hour turnaround, meeting all accuracy and reporting deadlines.
- Demonstrated focus and adaptability in a high-pressure environment, ensuring efficient task coordination and protocol compliance.

Sancta Maria College

Computer Assembler, 06/11/2017 - 01/12/2017

- Assembled and tested over 20 desktop computer systems by installing components including motherboards, RAM, SSDs and power supplies.
- Verified hardware installation integrity through initial boot tests and troubleshooting, ensuring all systems were fully functional.
- Ensured proper ESD (electrostatic discharge) safety practices and secure connections to meet internal quality and performance standards.

Extracurriculars - Middle School Leader (2014-2017), First XI Football Team, Debate team member.

Volunteer - World Vision, Caritas, Young Vinnies | **Interests** - Rugby, basketball, fitness, chess, music, reading

Referees: Available on request