

Jonathan chang

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WORK EXPERIENCE

Optik Consultancy

Nov. 2025 – Present

Team lead

Botany, NSW

- Led a cross-disciplinary software development team delivering solutions for a major hospital system.
- Developed software in MATLAB and implemented machine learning models to improve clinical workflows.
- Coordinated project tasks, managed timelines, and ensured clear communication between engineers, stakeholders, and hospital staff.
- Mentored team members and drove performance through collaboration and technical guidance.

The Movement Church

Nov. 2024 – Present

Connect group leader & Technical volunteer,

Sydney, NSW

- Developed backend features for a newcomer onboarding app using [Node.js](#), Rest API and Typescript, improving sign-up efficiency and data management.
- Led a connect group of 25 members and onboarded 50 newcomers, demonstrating leadership and teamwork.
- Collaborated with volunteer teams to gather requirements, test features, and improve workflows.

Coles

Mar. 2021 – Present

Grocery Department 2IC & Duty Manager

Engadine, NSW

- Led a team in a high-pressure environment, coordinating staff, prioritising tasks, and ensuring smooth daily operations across the store.
- Managed daytime operations and store-wide performance, stepping into Duty Manager responsibilities to oversee workflows, resolve issues, and support decision-making.
- Contributed to driving the grocery department to become the number one performing department in the region, demonstrating strong leadership, process improvement, and team coordination.
- Developed problem-solving skills by managing operational challenges, analysing issues quickly, and implementing effective solutions
- Strengthened communication skills through leading diverse teams, delegating tasks clearly, and maintaining strong collaboration across departments.

EDUCATION

University of Technology Sydney

Dec, 2026

Bachelor of Engineering (Honours)

Sydney, NSW

- **WAM:** 70.59
- **Relevant Coursework:** Data structures & Algorithms, Software Architecture, Embedded systems, Interaction design, Web Development, Database Programming, Real-time operating systems

SKILLS & INTERESTS

- **Technologies:** [Node.js](#), SQL, Java, C, C++, Python. Rest API, HTML, CSS, Typescript, Javascript, NoSQL
- **Skills:** Strategic Planning, Web Development, Software Architecture, Leadership, Conflict Resolution, Adaptability
- **Interests:** Weightlifting, Motorsports, Volleyball, Video Games, Music instruments