

Objective

Analytical and security-minded Computer Science Graduate with hands-on experience in Full-stack development, Cloud deployments, and AI automation. Proficient in building scalable APIs, working with containerized microservices, and writing production-grade backend code. Skilled at communicating across teams, debugging complex systems, and continuously improving engineering practices. Eager to grow as a Software Engineer, where I can contribute to building resilient software systems and modern AI integrated platforms.

Education

Bachelor of Information Technology
Queensland University of Technology (QUT) - Brisbane, QLD.

Feb 2021 – Dec 2023

- **Majors:** Computer Science | **Minors:** Networks & Security
- **GPA:** 6.333 / 7 | **WAM:** 83.3
- **Awards:** Executive Dean's Commendation for **Academic Excellence** (two consecutive semesters)
- **Activities:** QUT CodeNetwork (Development), QUT WhiteHats (Cybersecurity)

Relevant Experience

IT Support Officer
Monash University - Melbourne, VIC.

Oct 2024 – Present

- Provided **technical on-site support** to Monash students during their critical online campus exams.
- Utilized in-house **ticketing system** effectively to log, monitor, escalate, and resolve technical issues.
- Diagnosed and fixed various issues across **software, hardware, and network layers**.
- Streamlined **IT documentation processes**, cutting resolution time by 20%.

Software Engineer
Five Software Pty Ltd. - Brisbane, QLD.

Nov 2022 – Nov 2023

- *Five.co is a low-code software company based in Australia & Hong Kong that helps developers build and deploy business applications.*

- Developed features and fixed bugs in frontend components using **React + MUI** framework, improving UI performance & responsiveness.
- Added new **GraphQL APIs** and optimized **MySQL schemas** to introduce new features in our **Golang backend** system.
- Tested and deployed the latest compiled version of our Five software on **AWS cloud infrastructure**.
- Integrated **AI-powered chatbot** for querying Five documentation using **OpenAI API & Botpress**, increasing customer satisfaction.
- Adhered to **Agile development methodologies**, managing bugs through **YouTrack** and the codebase via the **Git** version control system.

API Developer
Suncorp Group - Brisbane, QLD.

Mar 2023 – Oct 2023

- Contracted by Suncorp Bank for my final year Capstone Project to design and build a **Financial Literacy Learning platform**.
- Developed a modular **Node.js** API with a **scalable Azure MySQL database**, improving performance & data accessibility.
- Deployed API as a **Dockerized Microservices** on **Azure Containers**, with **test-driven development** following **OWASP security** standards.
- Managed project lifecycle using **Agile** approach, while utilizing tools like **Jira** and **GitHub** for tracking and timely delivery.

Internships

Cybersecurity Research Intern
Queensland University of Technology - Brisbane, QLD.

Nov 2023 – Jan 2024

- Investigated **eBPF misconfigurations** and their potential to be chained with other vulnerabilities in a **cloud environment**.
- Simulated an RCE attack scenario using **MITRE ATT&CK** framework, pairing eBPF with a WordPress vulnerability.
- Implemented specific **Linux hardening strategies** to enhance security against these types of eBPF-based attacks.

Skills

- **Languages:** Java, Golang, TypeScript, JavaScript, Python, C#
- **Backend:** Node.js, Express, REST APIs, GraphQL, Containerized Microservices
- **Frontend:** React.js (MUI), HTML/CSS, TypeScript, Tailwind CSS
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, DynamoDB
- **Cloud DevOps:** AWS (EKS, EC2, Lambda, S3), Azure, Docker, Kubernetes, CI/CD
- **Security:** OWASP, API Security, Linux Hardening, Bug Bounty, Snort, Threat Modeling
- **Tools:** Git, Postman, Swagger, Jira, Confluence, Monday, Ticketing (YouTrack, Jira)
- **Networking:** TCP/IP, OSI Model, Wireshark, Common Ports and Protocols
- **Key Strengths:** Problem Solving, Team Collaboration, Excellent Communication, Continuous Self-Learning, Creative and Tenacious