Ryan

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Education

University Australia

Bachelor of Computer Science, Minor in Full Stack Development *July 2024 – June 2026*

- WAM: 82% (High Distinction)
- Scholarship: 50% Vice Chancellor's International Scholarship
- Relevant classes: Secure Backend Services, Secure Frontend Services, Mobile Application Development, Concurrent and Distributed Programming.

Experience

Application Developer Intern March 2026 – April 2026

Big Company *Australia*

- Resolved 15+ Jira tickets by fixing Ruby on Rails and Vue.js code.
- Successfully merged 13 pull requests within a 6-week period.
- Documented and RSpec tested all pull requests, or provided clear justifications for deviations.

Full Stack Developer Dec. 2024 – Feb. 2026

Startup *Malaysia*

- Developed full-stack websites using Astro, Payload CMS and Hono, delivering high-performance, content-driven client solutions.
- Improved deployment efficiency by 70% through GitHub Actions CI/CD automation.
- Engineered SEO-optimized architectures, resulting in improved search rankings and increased organic traffic for client websites.

Frontend Web Developer Intern Jan. 2024 – April 2024

Startup *Malaysia*

- Developed responsive WordPress sites and Next.js applications, translating design requirements into functional web interfaces.
- Collaborated in an agile environment with UI/UX designers and backend engineers to ensure seamless feature integration and design fidelity.
- Enhanced performance by implementing lazy loading and asset optimization, significantly reducing initial page load times.

Projects

AutoAudit | *React, Typescript, TailwindCSS, Github Actions*

- Led the development of a Microsoft 365 compliance automation platform built as a modular monorepo.
- Coordinated the migration from Javascript and vanilla CSS to Typescript and TailwindCSS over 100+ file modifications.
- Introduced Oxlint for linting in Github Actions CI for improved performance and efficiency.

DSEC Notebook | *SvelteKit, TypeScript, SQLite, Playwright, GitHub Actions*

- Developed a full-stack student resource hub using SvelteKit, TypeScript, and SQLite to centralize study materials for IT units.
- Implemented domain-restricted authentication with Resend API, validating university emails via 6-digit OTP verification during onboarding alongside rate-limited credential login.
- Built a CI/CD pipeline using GitHub Actions running unit tests (Vitest), E2E workflows (Playwright), type validation (`svelte-check`), and automated linting.

Technical Skills

Languages: Typescript, Javascript, Python, C#, Rust, SQL.
Frontend: React, Vue, WordPress, Astro, HTML+CSS.
Backend: Ruby on Rails, Payload CMS, Node.js, .NET, Supabase, Firebase, MongoDB, Express.js, Hono.
Developer Tools: Git, Docker, Github Actions, Forgejo Actions.