

Ryan

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EDUCATION

University

Bachelor of Computer Science, Minor in Full Stack Development

Australia

July 2024 – June 2026

College

Diploma in Computer Science (Focused in Data Science)

Malaysia

Jan. 2022 – April 2024

EXPERIENCE

Application Developer Intern

Large Company

March 2026 – April 2026

Australia

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

Full Stack Developer (Part Time)

Startup

Dec. 2024 – Feb. 2024

Malaysia

- Developed full-stack websites using Astro, Payload CMS and Hono, delivering high-performance, content-driven client solutions.
- Automated deployment pipelines using GitHub Actions CI/CD, optimizing cloud infrastructure reliability and reducing manual overhead.
- Engineered SEO-optimized architectures, resulting in improved search rankings and increased organic traffic for client websites.

Frontend Web Developer Intern

Startup

Jan. 2024 – April 2024

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*

- Contributed to the development of a Microsoft 365 compliance automation platform built as a modular monorepo.
- Led 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.

Portfolio Roast Bot | *Rust, SQLite, Forgejo Actions, Docker*

- Built a high-performance Discord bot in Rust utilizing slash commands to provide automated portfolio reviews and web development tips.
- Deployed the bot to a community of 5,000+ members, maintaining stability and low-latency responses under consistent active load.
- Automated deployment workflows via Forgejo Actions, implementing continuous delivery to build and ship production binaries from the main branch.
- Developed a moderation engine to monitor forum threads, programmatically enforcing server-wide tagging rules and organizational standards.

TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, SQL, C#, Ruby.

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.