Bernard Ryan Sim Kang Xuan

Software Engineer · Founder of RyannSuite

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Final-year Software Engineering student at Multimedia University, graduating November 2026, with a focus on frontend and full-stack web development. As a full-stack developer intern at 7-Eleven Malaysia I built an internal platform from scratch; on my own I design, build and ship RyannSuite, three live web apps. Open to graduate software engineering roles.

EXPERIENCE

Full-Stack Developer Intern 27 Jul 2026 - 18 Oct 2026
7-Eleven Malaysia · IT Department – Development Team

- **E-Sourcing Platform** — Built the internal user platform from scratch with Next.js, NestJS and PostgreSQL: vendor management, sourcing events and purchase requests, behind Microsoft login with role-based access. Delivered every user story, then wrote the documentation and handed it over to the next intern.
- **Printing Service** — Implemented the redesigned customer app across every page, responsive and mobile-first, and built the payment result page and a back-office reconciliation dashboard with Excel export. Moved customer login to secure server-set session cookies.
- **DSIP (Digital Sales Integration Platform)** — Fixed production bugs in voucher handling, order totals and file uploads, and added order and article search, in a C# / ASP.NET Core and React app.

INDEPENDENT WORK

Founder & sole developer
RyannSuite

Design, build and ship a suite of web apps end to end — RyannPlan, RyannPace and RyannReceipt — from database and APIs to UI, deployed on Cloudflare.

- **RyannPlan** — Plan, budget and settle group trips in one place. `ryannplan.pages.dev`
- **RyannPace** — Turn your run into a magazine-cover poster. `ryannpace.ryannpace-app.workers.dev`
- **RyannReceipt** — Track spending fast; print a retro receipt anytime. `ryannreceipt.ryannsuite.workers.dev`

OTHER PROJECTS

- **Knowledge Hub** (Hack Day, Multimedia University · team project · PHP · JavaScript) — A student-sourced study platform where peers share tutorials and past-year papers, with AI auto-filling and note summarisation to organise content.
- **Robot War Simulator** (Coursework · C++) — A turn-based 2D battlefield game with robot upgrades and evolving abilities, built on OOP with abstract base classes for modular movement and attack logic.

EDUCATION

Bachelor of Computer Science (Software Engineering) Oct 2023 - Nov 2026 (expected)
Multimedia University (MMU) · Faculty of Computing and Informatics · CGPA 3.75 / 4.00

SKILLS

Languages	TypeScript, JavaScript, C#, SQL, HTML / CSS, Python, Java, C++
Frontend	Next.js, React, MUI, Tailwind CSS, Vite, PWAs / offline
Backend & Data	NestJS, ASP.NET Core, PostgreSQL, Supabase, Firebase, REST APIs, Cloudflare Workers
Auth	Microsoft sign-in, Role-based access control, Google sign-in (OAuth), Secure session cookies
Tools & Design	Git, Azure DevOps, Postman, pgAdmin, Cloudflare Pages, Figma
Foundations	OOP / OOAD, Software design, Database design

LANGUAGES & INTERESTS

Languages	English, Chinese, Malay
Interests	Running, Badminton, Bouldering, Travel, Gym