

LIM YU QUAN

Email: limyuquan02@gmail.com | <https://www.linkedin.com/in/limyuquan/> | <https://limyuquan.com/>

EXPERIENCE

RAZER, SINGAPORE

Software Engineer (Cloud) Intern

Jan 2025 – Jun 2025

- Enhanced internal Customer Service Dashboard with new features and backend optimizations using [Django](#), streamlining support agent workflows
- Designed and implemented a greenfield [Go](#) scheduled job to automate gift-with-purchase processing, including warranty registration validation and automated license code delivery
- Developed internal systems for exporting and uploading product serial numbers to Amazon Transparency using [Go](#), ensuring secure and efficient data transfers
- Upgraded internal Jira Syncing tool with [Python](#), enabling seamless ticket synchronization and improving cross-team collaboration
- Technologies used: [Python](#), [Go \(Golang\)](#), [Django](#), [MySQL](#), [AWS S3](#)

GOVTECH, SINGAPORE

Software Engineer Intern

Jan 2024 – Nov 2024

- Developed [Career Kaki](#), a Ministry of Manpower initiative integrating LLMs to enhance Singaporean employability using agile methodologies
- Built responsive front-end interfaces with [Svelte](#), [TypeScript](#), and [Tailwind CSS](#) while developing scalable back-end APIs using [Python](#) and [FastAPI](#)
- Created end-to-end data pipeline with [TypeScript](#) for career-site scraping and [Python](#) for embedding generation and vector store indexing for RAG retrieval
- Developed [GitLab CI/CD](#) pipelines with automated testing, security (SAST & DAST) scans, and multi-environment deployments, enforcing code quality and reliability
- Integrated Google Analytics and built custom dashboards for user interaction metrics, enabling data-informed insights
- Technologies used: [Python](#), [FastAPI](#), [Svelte](#), [JavaScript](#), [TypeScript](#), [Tailwind CSS](#), [AWS Lambda](#)

LEARNA SYSTEMS PTE LTD, SINGAPORE

Software Engineer Intern

Feb 2023 – Jan 2024

- Developed and maintained Ruiche, an educational social media platform for parents and educators
- Led design and implementation of paid subscription service, spearheading app monetisation strategy with exclusive content delivery
- Enhanced platform UI/UX resulting in increased user engagement and satisfaction
- Technologies used: [React](#), [Javascript](#), [PHP](#), [Laravel](#), [SQL](#).

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

2023 – 2027

Bachelor of Computing in Computer Science (Honours) | GPA: 4.61/5.00

TECHNICAL SKILLS

- Languages: Python, TypeScript, JavaScript, Go (Golang), Java, PHP, HTML, CSS
- Frameworks & Libraries: Next.js, React, Svelte, FastAPI, Django, Flask, Laravel, Tailwind CSS
- Databases & Technologies: PostgreSQL, MySQL, AWS (Lambda, S3), Git, Jira, Confluence, GitLab CI, Docker, Pytest, Jest

PROJECTS

Multitwitcher Web Application

Jun 2025

- Designed and developed [Multitwitcher](#), a platform enabling users to view and interact with multiple Twitch streamers simultaneously, using [React \(Next.js\)](#), [TypeScript](#), and [Tailwind CSS](#)
- Integrated Twitch API and Embeddings to deliver seamless multi-stream viewing experience, and built responsive grid layouts and custom themes
- Deployed scalable solution using [Vercel](#) with GitHub version control

Reflective Minds Journaling Web Application

Jun 2024

- Created mindfulness journaling web application with [Python/Flask](#) backend leveraging GPT-4o for unique reflection prompts
- Designed React frontend with intuitive navigation and deployed using [Vercel](#) and [Heroku](#) with GitHub version control