

# Gabriel Ong Zhe Mian

[gabrielongzm.com](http://gabrielongzm.com)

Full Stack Developer specialising in Legal Technology

+65-8123-9863

[gabrielzmong@gmail.com](mailto:gabrielzmong@gmail.com)

[linkedin.com/in/gabriel-zmong](https://linkedin.com/in/gabriel-zmong)

[github.com/gongahkia](https://github.com/gongahkia)

## EDUCATION

<b>Singapore Management University</b> BSc Computing and Law, Cybersecurity (2nd Major)	Aug. 2023 - May 2027 GPA: 3.68/4.0
--	---------------------------------------

<b>Anglo-Chinese School (Independent)</b> International Baccalaureate Diploma Programme	Jan. 2019 - Nov. 2020 Points: 44/45
--	--

## SKILLS

**Frontend:** React, React Native, Next.js, Vue.js, Flutter

**Backend:** Python, SQL, Go, JavaScript, TypeScript, Node.js, PHP, Rust, Dart

**Cloud:** GCP, Supabase, Firebase, MongoDB, ChromaDB, Pinecone, AWS, Heroku, Docker, Kubernetes, CI/CD

**Others:** Linux, TensorFlow, PyTorch, Pandas, Vulkan, WebGL, Haskell, Lua

**Legal:** Legal writing and research, Contract law, Criminal law, Tort law, Intellectual Property law

## EXPERIENCE

<b>The Modo Collective, Singapore:</b> <i>Founder &amp; Lead Developer</i> <ul style="list-style-type: none"><li>Wrote and deployed the Modo cross-platform app. (Vue.js, Python, SQL, Supabase, AWS, Netlify)</li></ul>	Jan. 2025 - Sep. 2025
--	-----------------------

<b>SMU Yong Pung How School of Law, Singapore:</b> <i>Research Assistant</i> <ul style="list-style-type: none"><li>Programmed AI agents for use in legal scholarship. (Python, ChromaDB)</li><li>Investigated an adversarial approach in evolving AI Agent argumentation. (Research)</li></ul>	Jan. 2025 - Apr. 2025
--	-----------------------

<b>Elefant, Singapore:</b> <i>Backend Development Intern</i> <ul style="list-style-type: none"><li>Created CI/CD pipelines automating data extraction, enrichment and validation. (Python)</li><li>Deployed web monitoring solutions to log continuous data availability. (GCP, Colab Enterprise)</li></ul>	Sep. 2024 - Dec. 2024
---	-----------------------

<b>The Yap Labs, Singapore:</b> <i>Co-founder &amp; Tech Development Head</i> <ul style="list-style-type: none"><li>Collaboratively developed the Yap.com mobile app. (Flutter, Dart, Firebase)</li></ul>	Apr. 2024 - Aug. 2024
---	-----------------------

<b>SMU Legal Innovation and Technology (LIT), Singapore:</b> <i>Tech Development Director</i> <ul style="list-style-type: none"><li>Spearheaded multiple open-source legal tech projects. (Python, JavaScript, Rust)</li></ul>	Aug. 2023 - Aug. 2024
--	-----------------------

## PROJECTS

**Yuho:** DSL providing a programmatic representation of Singapore Criminal Law.

**Jikai:** Tort law hypothetical generation model powered by RAG and agentic refinement.

**Skill Hunter:** Browser extension that embeds statutory definitions within SSO legislation.

**Judgeman:** Browser extension that optimizes eLitigation case facts for absorption by sanitising legalese.

**DC4U:** Markup language for charge sheet drafting with multiple transpiled target formats.

**Netero:** Decentralized voting platform built with the Ethereum blockchain.

**Owl:** Google Docs, Sheets and Slides extension for monitoring and collating tags.

**Be-sure-ance:** Web App to find insurance plans in Singapore.

## AWARDS

<b>SMU Global Impact Scholarship Award</b> Premier flagship scholars' award	Aug. 2023 - May 2027
--	----------------------

## COMPETITIONS

<b>GeeksHacking Choice Award for HackOMania 2025</b> Annual nationwide hackathon run by GeeksHacking	Feb. 2025
---	-----------

<b>Champion of YouthxHack 2024: Digital Defence</b> Annual nationwide hackathon run by Cyber Youth Singapore	Aug. 2024
---	-----------