

Man Pak Ki Issac

[📍 Hong Kong](#)
[✉ issac@issacman.dev](mailto:issac@issacman.dev)
[📞 6360 9338](tel:63609338)
[🐙 issacman.dev](https://github.com/issacman.dev)
[🌐 issacman.dev](https://www.linkedin.com/company/issacman.dev)
[🔗 issacman.dev](https://www.github.com/issacman.dev)

Summary

Full-stack developer with 3+ years of freelance full-stack development and self-hosted infrastructure experience.

Highly proficient in TypeScript, Object-Oriented Programming, and modern frameworks.

Passionate about building secure, scalable architectures and exploring vulnerabilities through CTF challenges and security research.

Experience

Freelancer, Full-stack Developer

Jan 2023 – present

3 years 9 months

- Developed and deployed custom web solutions for clients utilizing SvelteKit and Bun.
- Managed the full software development lifecycle, from requirements gathering to automated deployment with Docker and Cloudflare Pages.
- Optimized websites to achieve 100/100 SEO and 96/100 Performance scores on Google Lighthouse.

Education

BComp **Hong Kong Metropolitan University**, Computing with Honours in Internet Technology

Sept 2026 – present

Projects

Private Discord Bot & Virtual Economy

- Architected an event-driven bot using Bun, SapphireJS, and TypeScript, deployed via Docker Compose.
- Developed a complex virtual economy featuring daily rewards, point-based e-commerce, and multiplayer gambling with strict concurrency control in SQLite.
- Implemented a dynamic i18n system supporting seamless language switching between English and Cantonese.

Portfolio & Self-Hosted Infrastructure

- Self-hosted a high-performance portfolio on a local MacMini server with reverse proxy configurations and a custom SvelteKit CMS.
- Engineered a custom TypeScript parser to simulate Jyutping typing animations, decoupling rendering logic from the backend.
- Designed a hidden authentication honeypot triggered by the Konami Code to demonstrate Web Exploitation awareness.
- Automated CV generation and deployment via GitHub Actions CI/CD pipeline using RenderCV.

Cybersecurity Research & CTF Writeups

- Authored in-depth technical writeups on Digital Forensics and Incident Response (DFIR).
- Performed reverse engineering on WebAssembly (WASM) modules using Node.js memory buffer extraction to bypass client-side validation.

Achievements

CTF Competitions

Jan 2023 – present

- Founder & Team Captain of CTF Team "Silly Security"
- PUCTF 2026 Open Category 5th Place
- Active Competitor of HKCERT CTF, CUHK CTF, PUCTF

CodeCombat

2023

- Ace of Coders Asia Tournament (2nd Place)
- Global CodeQuest (First Prize)

Skills

Languages: TypeScript, JavaScript, Node.js, Bun, Python, SQL

Frontend: Svelte, SvelteKit, HTML5, CSS3, Sass, Tailwind CSS

DevOps & Infra: Docker, Docker Compose, GitHub Actions (CI/CD), Linux, Nginx, Self-hosting

Cybersecurity: Web Exploitation, OSINT, Reverse Engineering (WASM), Wireshark, Burp Suite

Spoken Languages: Cantonese (Native), Mandarin (Fluent), English (Proficient)