"Holloway" Chew, Kean Ho – Dare to Achieve

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Summary

A proactive, data-driven startup founder with 7 years of experience in delivering customer-oriented solutions. Also, a BEM-certified Mechatronics Engineer with 10 years of experience as a hardware and software developer. Possesses unique fast-learning abilities, holds an active US B1-Visa, and currently working on ZORALab's Hestia Project which consolidates all vital libraries into one portable repository.

Work Experiences

Multirole Founder – *ZORALab Enterprise, Malaysia (December 2016 – present)*

1. Currently actively managing at least 5 SMEs technological requirements by providing next-day tech-ready service.
2. Continuously developing ZORALab's in-house products for mitigating industrial threats:
   - ZORALab's Hestia (web UI backend+frontend technologies using Go, TinyGo, and Rust supporting PWA+WASM via SPA / Reactive Rendering / conventional server site rendering);
   - ZORALab's Legal (continuously improving agreement documents);
   - ZORALab's Monteur (automation CI tools for DevOps and Kaizen); and
   - ZORALab's Salut (enterprise IT grade cloud and endpoints services).
3. Accumulated at least 25 bona-fide testimonials from customers.
4. Successfully mitigated from suppliers' supply chain threat in less than 1 month.
5. Rescued a firm from a vendor's mercenary practices that threatened to stop their business during the 2021 COVID19 Lockdown over the weekend. I restored their enterprise IT system, and mentored 6 of their staff so their business could continue regular operation on Monday.
6. Published 20 papers to Zenodo and ResearchGate open-science data repository.
7. Successfully prototyped horticulture's portable mixed plantation module.

Device Driver Engineer – *Intel Corporation, Malaysia (2012 – 2015)*

1. Developed multiple IO drivers (SD, eMMC, PWM, GPIO, I2C, HSUART) for both Windows and Linux kernels in less than 3 months.
2. Reduced departmental equipment cost from purchasing resources of MYR5k to MYR2.4k via smartly sourcing computer interfacing capable digital instrumentation.
3. Submitted 2 research papers and 2 patent ideas for my team.
4. Second-in-Chief for organizing 2013 Intel Global SWPC conference where the project executed on-time (not overrun) and saved ~MYR3k total project budget.
5. Intel Volunteer for SJKC Chong Cheng Robotic Club, Penang – startup and established club organization; developed administrations and self-sustaining management processes; and mentored their 2 teams to won 2nd place in district level competition.

Certifications & Known Achievements

- *Google Cloud Platform Hands-On participation (2021)*
- *Malaysia's Food Handling Certification (2020)*
- *Board of Engineers' Graduate Engineer Certification – Mechatronics Discipline (2019)*
- *Google Online Marketing Fundamentals participation (2017)*
- *Google Cloud OnBoard participation (2017)*
- *Mastercard Masters of Code Achievers Singapore + Global (2015)*
- *Appreciation for co-organized Intel Global Internal SWPC (2013)*
- *Receiver of IEEE CAS Innovation award (2013)*
- *Certified Green computing specialist (2012)*

Educations

First-Class Honours Bachelor of Mechatronics Engineering from *Asia Pacific University of Technology and Innovation* and *Staffordshire University* (2012)

Industries

Software; Engineering (Electrics and Electronics); Horticulture (Aspiring)

Technical Knowledge

Languages: *Go, Rust, BASH, POSIX SHELL, HTML, CSS, Javascript, C, Python, Lua, Ruby*
Frameworks: *Gorilla, Hugo, PWA, WASM, Django (former), Sinatra (former), Ruby on Rails (former)*
Back-end: *Kubernetes, Nginx, Stripe, QEMU, Terraform (former), Paypal (former)*
Graphics & Media: *GIMP, Inkscape, Shotcut*
Office: *LibreOffice, Tessaract OCR + NormCap, GNUCash, Google Workspace Administrator/Root-Level Technical Manager, Wave Accounting (former), Microsoft Office (former)*
AI: *ChatGPT (applied), DALL·E 2 (applied), Stable Diffusion (applied)*
Databases: *PostgreSQL, SQLite, QL, KV, NoDB, Google Firebase, Google Cloud Storage, Google Spanner, Google BigQuery, MongoDB, MariaDB, MySQL*
Operating System: *Tiny + Hardened Debian Linux, Windows 11, MacOS (former)*
Tools: *Git, Kubernetes, AppImage, ZORALab's Monteur, Github, GitLab CI (former)*
Practices: *Test-driven development, continuous improvement, dev-ops, semi-automatic automation, SCRUM x Kanban, Kaizen, scientific research approach, data-driven approach*
Horticulture: *nitrogen cycle, soil fertilization chemistry, soil-based mixed plantation module, soil enrichment processes (researching)*

References

Ang Shiau Wen (+60163646411) – *Close friend*
Chew, Chiau Ee (+60127356527) – *Mentor and Senior in Intel*
Lily Liew (+60128512789) – *ZORALab's customer*