CHONG HON SIONG (ANONOZ)

Malaysia citizen

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Full-stack web developer & software engineer with 8Y of experiences working in MNC, tech startups, digital transformation of local business. Excels in project continuity, documentation, understanding business needs.

EXPERIENCES

Senior Software Engineer	OyenCov.com	Jun '22 - Oct '24

- OyenCov was a startup reinventing how web applications' test coverage are measured.
- Developed the client-side telemetry library that reports runtime codebase execution hits line-by-line, allowing test coverage to be calculated based on actual usage and commercial importance, informing engineering teams the modules/classes/methods they need to focus more testing efforts on.
- Developed a score formula that measures the correlation between test overlaps & actual usage of the codebase.

Full Stack Developer, Contract	FWD Insurance (MY)	Mar '23 - Jan '24

- FWD Group is a Hong Kong-based insurance company with presence in 10 Asia countries with AUM of US$ 63B.
- Implemented multiple FP&A automations using Power Automate, Golang, Python, SQLite, etc. Saved the group USD ~$150,000/year in financial planning exercises.
- Migrated a monthly inter-companies general ledger reconciliation process from Excel into online SQL, cutting down weeks-long manual work to mere minutes.

Senior Software Engineer	Talenox (SG)	Jul '20 - Apr '22

- Led the slicing of new Talenox marketing site. Rolled out www.talenox.com in 5 weeks, released in 2021Q4.
- Assisted in Kubernetes cluster administration, maintenance, firefighting.
- Started and championed the adoption of a company-wide Notion knowledge base. Streamlined the setup & onboarding process for newly joined engineers.
- Techs: Kubernetes on Google Cloud Platform, Ruby on Rails.

Software Engineer	Talenox (SG)	Feb '19 - Jun '20

- Revamped landing pages to new design, released in 2019.
- Updated and optimised Dockerfile for dev, CI, and production. Sped up building and deploying, reduced environmental gap between development and production i.e. by ensuring devs use the same Postgresql version as in production.

Software Engineer	Prime Technologies (SG)	May '17 - Jan '19

- Tested multiple password manager services for the group, chose 1Password, vetoed LastPass — I found a basic design flaw where they did not encrypt at rest in 2018 release; saved the group from breach in 2022.
- Set up a scalable and highly available Docker Swarm cluster on AWS for Best Electricity with Terraform and Ansible, while meeting strict security requirements laid out by Energy Market Authority.
- Integrated AXS and credit card processor for Best Electricity (Rails, GPG, SFTP, PCI DSS).
- Built ERP for Prime Limo to manage vehicles inventory, contracts, rental billing (Rails, Chef, Capistrano).

Software Engineer, Intern	Talenox (SG)	(8 months total) Jan '14 - Jun '16

- Integrated ChargeBee to enable automated recurring billing.
- Improved test coverage of the codebase, wrote the first integration tests with RSpec, Capybara, and friends.
- Techs: Ruby on Rails, AngularJS, Heroku, Postgres.

Web Developer	TBG Interactive/Gushcloud (MY)	Apr '13 - Dec '13

- Developed and shipped an MVP website that allows advertising agencies and media buying houses to book influencer engagements in Malaysia, Singapore, and Indonesia (PHP, CodeIgniter).
- Developed Facebook tab apps for marketing campaigns of several big brands (PHP, Laravel).
- Developed a reward point mobile app & backend for a science centre in Malaysia (AppGyver Steroids, Laravel).

Web Developer	Freelance	2012

- Developed a social media sharing photo booth web app for a brand's anniversary event (JavaScript, PHP).

LANGUAGES & TECHS

- **Dev:** Ruby on Rails, HTML JS CSS, Python, SQL (Postgres, SQLite).
- **Ops:** Kubernetes, AWS, Docker, Terraform, Ansible.
- Previously: PHP (Laravel, CodeIgniter), PhoneGap (AppGyver Steroids), C++, Java (for Android), machine learning (with Keras, scikit-learn), Angular.js, Angular TypeScript.
- Human: English, Standard Chinese (260/300 on HSK6), Malay, Spanish.

EDUCATION & CERTIFICATIONS

- Bachelor of Computer Science from Multimedia University, Cyberjaya, Malaysia. Graduated in 2017.
  - Final year project: Sentiment Analysis with Deep Learning. Used these techs: Keras with Theano, Recurrent Neural Network — Long short-term memory, Word Vector Embeddings. Integrated into web app with Ruby on Rails, Flask, Postgresql, Docker.
- Certified Kubernetes Administrator. Certified in Dec 2020.
- AWS Certified Solution Architect - Associate. Certified in Oct 2018, Oct 2021.

ADDITIONAL EXPERIENCES & CO-CURRICULAR ACHIEVEMENTS

- President of IT Society in MMU (Aug '15 - Mar '17) — The official club of faculty of computing and informatics, MMU Cyberjaya. Conducted workshops on web development, version control with Git for MMU students.
- Google Student Ambassador (Jun '14 - Jun '15) — Organised Android meetups and study classes. Even after the stint, collaborated with Google APAC and local Google developer communities on events in MMU.
- Organiser of BarCamp Cyberjaya 2015 & 2016 — Technology-focused unconference held in Multimedia University. Attracted a total of 200 attendees with 33 talks held.
- Coached at Rails Girls Singapore, Kuala Lumpur, Kuching, and MMU IT Society's Rails Workshop series.
- Spoke at Google Developer Group KL's TensorFlow Summit Extended 2017 on using TensorFlow with Keras.