

TENG Kok Wai (Walter)
Mobile Phone: (+65) 9672 2740 | Email: walter.tengkw@gmail.com
walmarteng.com | github.com/davzoku

WORK EXPERIENCE

AI Singapore — AI Apprentice

FEB 23 - NOV 23 (EXPECTED)

- Part of a comprehensive nine-month apprentice program, including a two-month deep-skilling phase covering important concepts in ML, MLOps, Deep Learning, NLP, and Computer Vision, followed by a seven-month real-world project phase
- Collaborated on an NLP 100E4R project for medical professionals, reducing time spent on medical notes
- Delivered the AI Minimum Viable Model (MVM) within specified timelines
- Designed and implemented a highly configurable end-to-end pipeline, streamlining data ingestion, preprocessing for various datasets, and enabling trackable model experiments for improved MVM performance.
- Mentored junior apprentices in natural language processing algorithms and state-of-the-art transformer architectures

Doctor Anywhere Pte Ltd — Software Engineer

SEP 21 - DEC 22

- Managed and maintained multiple microservices in Java for over 30 insurance partnership integrations across 5 countries as part of the company's regional expansion plan
- Developed integration with new partners in Southeast Asia region, which added 240K active insurance members to the company's customer base
- Collaborated with product managers to introduce standardised onboarding processes and requirements gathering, which led to a 25% time reduction for new insurance integration
- Deployed a new admin panel for regional operational teams to improve member provisioning workflows
- Led a team of 3 on backend code refactoring to reduce on-call issues and bugs by over 30%

SKILLS

- Python (numpy, pandas, scikit-learn)
- PyTorch
- Java
- JavaScript
- Node.JS
- React.JS
- Typescript
- SQL
- AWS
- Docker
- Kubernetes

CERTIFICATION

- AWS Certified Developer - Associate
- Microsoft Azure Fundamentals - (AZ-900, AI-900, DP-900)
- Terraform Associate
- Scrum Foundation Professional

VOLUNTEER EXPERIENCE

- **CL-ITE Mentorship Program 2019:** Guided graduating students on starting an IT career through workshops and experience sharing

CrimsonLogic Pte Ltd — Senior Product Engineer

JUL 18 - SEP 21

- Graduate of Global Technology Associate Program (GTAP); a 20-month fast-track graduate program with job rotations and mentoring
- Worked and collaborated with remote team members to deliver product features on time in different business domains such as Judiciary and Digital Government
- Developed and maintained product features in legacy versions to support over 3 production-ready teams in the Caribbean and Middle Eastern regions.
- Provided product support to ensure smooth project deliveries and fulfill urgent change requests. Delivered project phase 1 in under 1.5 months.
- Guided juniors to on-board quickly to team practices and provided pointers to clear impediments for them to accomplish their tasks timely

LANGUAGES

- English (Fluent)
- Mandarin (Fluent)

EDUCATION

Singapore Management University (SMU), Singapore

JAN 23 - DEC 24 (EXPECTED, PART-TIME)

- Master of IT in Business (Artificial Intelligence)

Nanyang Technological University (NTU), Singapore

AUG 14 - MAY 18

- Bachelor of Engineering (Electrical and Electronics Engineering)

University of Surrey, United Kingdom

SEP 16 - JAN 17 (SEMESTER EXCHANGE PROGRAM)

PROJECTS

Side Projects

- Developed an end-to-end [conversational chatbot](#) powered by an instruction-tuned open-source Large Language Model (LLM) and deployed it on an user-friendly website compliant with Progressive Web App (PWA) and SEO standards.
- Developed personal website, [walterteng.com](#) with Gatsby, React.js adhering to web standards. Improved usability with [theme switcher](#)
- Developed Chrome extensions like [Glimpse](#), [Sharemaster](#) using JavaScript to enhance personal productivity with over 500 total daily users