

MARCUS TAN

marcus.tan.jun.wen@gmail.com

+65 9186 6669

[personal website](#)



Skills

Full-stack web
Platform engineering
AI app engineering
Data engineering
Data analytics
CI/CD
Infrastructure as Code
Linux / private cloud networking
Agentic coding (LLM tooling)

Python (Django) · Javascript · css ·
PostgreSQL · Docker · Terraform ·
Kubernetes

Education

**B.SocSci (Psychology) w/ Hons
(Distinction; GPA 4.0)**

**National University of
Singapore**

Aug 2016 – Dec 2020

Investigated neural mechanisms
of auditory selective attention for
[honours thesis](#).

Spoken Languages

English: Native speaker; fluent in
reading, writing, speaking

Mandarin: Mother tongue; able
to work with native speakers

German: Level 3 university cert

Interests

music | film | linux <3 | FOSS |
90s ascii art

Software developer, hands-on in both implementation and product design; works the full life cycle with technical and non-technical roles. Has shipped production systems with public impact.

Work Experience

Senior Software Engineer

Acting dev team lead for LLM applications; Working model definition; Product design and specifications

Anyway Workz Pte Ltd, Apr 2026 – Current

Projects include a trading operations platform, end-user web/mobile application, and internal tooling for project management and cost analyses.

Owens builds, releases, and deploys; Oversees the team's git workflow and developer communications.

Co-leads product standups with founder, runs workshops on development practices and new tooling relevant to the team.

Software Engineer

Platform and MLOps engineer; Infrastructure support

Attix APAC Pte Ltd, Jul 2024 – Feb 2026

Developed platform that allows stakeholders to view quantitative trading strategy performance.

Designed and implemented an algorithmic trading framework within the platform to allocate resources between traders and ensure operational reliability within regulatory constraints.

Part of MLOps team that managed and supported traders' model inference infrastructure (on-prem and cloud)

Software Developer

Platform engineer; EV charging management system

Strides Digital Pte Ltd, Nov 2022 – Jun 2024

Developed a EV charging platform live across local and international markets, and at time of shipping, was one of the 3 local EV charging management systems that have achieved [OCPP 1.6 certification](#) (CSMS).

To enable real-time power management across charging infrastructure, designed and implemented a dynamic power allocation system for EV charging stations using OCPP protocol.

Management Associate (Application Development)

Junior software developer

Certis Cisco Pte Ltd, Sep 2022 - Nov 2022

Developed middleware for Singpass APIs (Login, MyInfo) and the visitor enrollment process of an access control system.

Ported the govtech MyInfoConnector from Framework 4.8 to .NET 6.0.

Management Associate (Data Science)

Data scientist and data engineer; Machine learning and constraint optimisation

Certis Cisco Pte Ltd, Feb 2021 - Aug 2022

Conducted research to develop and apply predictive/optimisation models on field operations.

Implemented an internal solver library to identify emergency-response standby locations for a government client. Outputs from solvers were used by incident hotspot dashboards to aid on-the-ground decision makers.

Developed a web app to ingest stakeholder data and third-party APIs, replacing manual ETL and addressing bottlenecks

Personal

Server Host and Administrator

Dungeon Crawl Stone Soup, Oct 2024 - Current

I host crawl.project357.org, one of eight official servers for an online community of users to play an open source rogue-like game, and compare scores on global leaderboards. I occasionally correspond with core developers for technical and non-technical issues, and update the official discord server and website banner for any announcements.