

DANIEL CHEN

✉ d.chen@live.com ◇ 📞 0405 206 287 ◇ 🌐 github.com/daniel-chen2 ◇ 🔗 linkedin.com/in/daniel-chen-developer

SKILLS

Frameworks/ Libraries	Angular & Next.js (Typescript), Spring Boot (Java), Django (Python), Scikit-learn & Ollama (AI/ML)
Tools	Git, Jenkins, Octopus Deploy, TeamCity, Jira, Figma (Basic)
Spoken Languages	English (Native), Mandarin (Conversational), Cantonese (Conversational)

WORK HISTORY

Software Engineer Bankwest (CBA) Feb 2021 - Current

- Developed on-the-fly Naive Bayes Machine Learning based text categorisation system that improved bank file categorisation rates by up to 40% from manual-analysis categorisation strategies. This resulted in drastically reduced rates of manual work by Indexing team and led to being nominated for an Australia-Wide CBA Individual Excellence Award Nomination.
- Stream Lead on developing Bankwest's first LLM powered broker chat application in under two months. The role involved interfacing with CBA engineering team to align on technical details and architecture, as well as ensuring high model performance and solution stays within guardrails.
- Technical Owner on two internal tools that tracked the tech health and lead time to change metrics for all systems bankwide. This allowed technology executives to easily report on the health of their systems through a UI interface. This data was then used to inform bankwide KPIs
- Developed 3 key learning initiatives for 30+ technology graduates including organising a monthly talk from a senior technology colleague, a central document to describe bankwide technologies and being a founding member of a software engineering book club

HPC IT Officer DownUnder Geosolutions Jan 2018 - Oct 2019

- Diagnosed and repaired networking and performance issues with underperforming High-Performance Computers in the 600+ node machine room

PROJECTS

AI Chinese Reading Application 🌐 TBD URL

- Developed (Next.js, Django & Ollama), designed and marketed LLM powered Chinese Language Learning Application based on Stephen Krashen's theory of Comprehensible Input. The app serves hundreds of users weekly.
- Developed Asynchronous LLM request strategy with asyncio and SSE Streaming Solution to be able to serve per word and per sentence Chinese Translations to up to x users at a time

CERTIFICATIONS

AWS Developer Associate Amazon Web Services

Secure Code Warrior - Application Security Champion

EDUCATION

Bsc Computer Science/ Finance UWA University of Western Australia - GPA: 6.1/7.0

- *Volunteering Activities:* TEDxUWA Head of Events/ Communications, English for Refugees Tutor, UWA Basketball Club Events Manager, WAUC Charity Consultant

Graduate Diploma of Cyber Security Curtin - GPA: 7.0/7.0 Discontinued

Upper Intermediate Mandarin Course Taiwan Language Institute

REFERRALS

Jemie Effendy Software Engineer - Powerledger 📞 0430 658 901