

## KEY TECHNICAL SKILLS

JavaScript/TypeScript

Python

HTML/CSS

NodeJS

React

React Native

Django

Docker

Terraform

MongoDB/DynamoDB

PostgresDB

AWS stack

Azure Pipelines

Bitbucket/Jira

DevOps

AI/LLM Engineering

## CONTACT

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<https://github.com/chapmanmong>

<https://chapmanmong.me/>

## EDUCATION

### **FinTech Bootcamp, Monash**

**University (2021)**, Melbourne, Victoria

A 24-week intensive program focused on technical skills in Python, SQL, Big Data, Ethereum and Solidity, Blockchain and Machine Learning

### **Bachelor of Computer Engineering, University of Melbourne (2012)**

### **CELTA, Certificate in Teaching English to Speakers of Other Languages, RMIT, Melbourne (2013)**

# Cheuk Man (Chapman) Mong

## SOFTWARE DEVELOPER

Melbourne

## SUMMARY

Software Developer with 4 years of working experience in Typescript, React, React Native, Node, Python, Django, Postgres, Terraform and AWS cloud technologies. Achievements include spearheading projects such as integration with Kone lifts, My Parcel Locker and Salto Access System with a building management system with my previous job (Connecx) and building a CRM from scratch as well as a live rolling migration of data and services from old system to new one in my most recent role (Eyerising International).

## EXPERIENCE

### **SOFTWARE ENGINEER EYERISING INTERNATIONAL**

2024 May – 2025 Oct

Software Engineer in a two-man IT/software team supporting a global med-tech solution at a startup. Responsibilities include building a new system (React/Django in Docker containers, Terraform IaC, AWS, Auth0, Airwallex payment gateway) based on the current production system and migrating data from MongoDB to a Postgres relational database. The medical device is an embedded NXP device running Freescale Linux and runs a Qt C++ program which I also have to maintain/add new features and create a virtual cross-compilation platform in docker to compile binaries which cut down compilation time by 80%.

#### Skills and responsibilities

- Building a new Frontend and Backend for the portal system as well as the API and logic to communicate with a medical device
- Design and implement complex business logic (subscriptions, plans, payment models, distributor/clinic hierarchies, multilanguage, automations, etc.)
- Migration of production MongoDB database to Postgres database and creating a synchronization system to keep them in sync during the transition phase
- Supporting business operations

## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Developer Associate
- AWS Certified Solutions Architect
- Google Project Management Certificate
- IBM Applied DevOps Engineering Professional Certificate (Currently studying)

### SOFTWARE DEVELOPER CONNECX/SMART URBAN PROPERTIES AUSTRALIA 2021 Dec – 2024 Apr

Software developer in a small team (which grew steadily) at a startup. Responsibilities include adding new features and maintaining a residential building management SaaS system built on Typescript, React, React Native, AWS (DynamoDB, API Gateway, Lambda, etc.). Hired as an IoT and integrations engineer whose main responsibility is integrating with third party applications (Kone lift, My Parcel Locker, access control systems), but responsibilities rapidly grew due to unexpected change in staff.

#### Skills and responsibilities:

- Developing new features
- Maintaining and adding proprietary APIs
- Integrating with third party APIs
- Liaising with stakeholders (building managers, external developers, residents)
- Successfully completed new features such as Kone lift and Salto access control integration under tight deadlines
- Moved complicated portal codebase to Vite from Webpack for exponential performance boost.

### FREELANCE TRANSLATOR REMOTE 2015 - 2021

Chinese -> English translator of general and technical documents including websites, academic papers, press releases, manuals, documentation, and other content. Worked directly and indirectly with many well-known international companies to deliver native-sounding translations and content.

#### Skills and responsibilities:

- Exceptional research and written communication skills
- Ability to meet deadlines and work independently
- Coordination with stakeholders across timezones and cultures

## PROJECTS

### Smart thermal jacket (capstone Uni project) <https://chapmanmong.me/projects/smartermaljacket.html>

- Worked with two electrical engineering final year students to create a self-heating/cooling jacket that uses Peltier plates
- Responsible for programming an Arduino microcontroller (in C++) to create a user interface (buttons and LCD screen) and the logic for controlling 6 Peltier plates and the voltage for heating and cooling

Find other projects at <http://www.chapmanmong.me> and <https://github.com/chapmanmong>