

Matthew Chaplin

Full Stack Web Developer

Langwarrin VIC 3910

matthewchaplin60@gmail.com

+61 480 389 068

Self taught dedicated full stack web developer looking to transition into a full time role. Through my self learning journey I have become adept in the using React, Node.js, Mongo DB, Tailwind and TypeScript to build my full stack websites. I have completed many self guided projects that utilise technologies such as REST API, Apollo GraphQL and web sockets.

I have learnt a lot already but I know there is much left to learn and I'm excited to continue learning new technologies to make my projects better.

Willing to relocate: Anywhere

Personal Details

Eligible to work in Australia: Yes

Highest Level of Education: Bachelor Degree (Hons)

Total years of experience: 5

Work Experience

Chemist

Origani - Braeside VIC

October 2022 to Present

- Produce stable products to sell to our customers
- Adjust chemical ratios as needed to improve the products
- Perform maintenance on machinery to ensure it is working as intended
- Manage the stock database to make sure all chemicals are stocked and ready for the next production run

Repair Technician

Eppendorf - Tokyo

May 2021 to April 2022

- Repairing/calibrating a wide range of Eppendorf micro-pipettes of all volumes
- Documenting repairs/calibrations and reporting to the customer all necessary information in accordance with the ISO standards.
- Checking incoming orders and decontaminating their contents
- Contacting international IT support on behalf of the entire team
- Automating document creation using JavaScript

Internal medicine manufacturer

Denis Pharma Japan - Chiba, Narita

July 2020 to May 2021

- Using wet chemistry and biotechnology techniques to purify raw ingredients such as DNA for our products
- Attaching radioactive elements to the products through the use of a HPLC and wet chemistry techniques
- Freeze-drying, capping and bottling the manufactured products
- Lead of a 2-3 person team for validating/maintaining/calibrating a range of laboratory equipment
- Automating cross database checks using Python (numpy, pandas)

English Language Teacher

JoyTalk - 栃木県

March 2018 to July 2020

- Teaching English in a simple, fun and interactive way
- Scheduling classes and lessons plan meetings with co-teachers on a weekly basis

Lab Technician

Hospira, a Pfizer company - Victoria

January 2014 to March 2015

- Working closely with other chemists in order to make sure their experiments are done with calibrated equipment
- Extensive GMP, GLP and OH&S training
- Validating/maintaining/calibrating a range of laboratory equipment (HPLC, pipette, analytic balance, pH-meter, FTIR, FT-NIR, GCMS, UHPLC, thermocouple, melting point apparatus and UV-VIS)
- Promptly fixing faulty equipment when reported by analysts
- Continual contact with co-workers regarding equipment status

Education

Language School in Japanese Language

Kyoto Institute of Culture and Language - 京都府 京都市

March 2017 to March 2018

Bachelor honours degree in Chemistry

La Trobe University - Victoria

February 2016 to December 2016

Bachelor degree in Biotechnology

Swinburne University of Technology - Victoria

February 2012 to December 2015

Skills

- Communication skills
- Organic chemistry (3 years)
- Teaching (6 years)
- Wet chemistry (3 years)

- Rust (Less than 1 year)
- Python (2 years)
- Analytical chemistry (3 years)
- Laboratory Experience (3 years)
- Troubleshooting (3 years)
- Equipment Repair (3 years)
- Japanese (6 years)
- JavaScript (2 years)
- Git (1 year)
- Linux (2 years)
- CSS (2 years)
- HTML5 (2 years)
- C# (1 year)
- React (1 year)
- NodeJS (1 year)
- MongoDB (1 year)
- JSON
- REST
- Unit Testing
- Typescript (1 year)
- Firebase (Less than 1 year)
- Problem Solving
- Unity (1 year)
- Bootstrap
- APIs
- MySQL
- GraphQL (Less than 1 year)

Languages

- Japanese - Fluent

Links

<https://github.com/Chappo050>

<https://mlchaplin.dev>

Certifications and Licenses

Japanese Language Proficiency N2

December 2019 to Present