

Jessica Liong

Associate Software Engineer

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With 5 years experience in research and development, I bring strong foundations in customer empathy, problem-solving and analysis skills into software development. I view software engineering as a craftsmanship of clean coding and collaborative development, aimed at creating meaningful and purpose-driven impacts on society. I am an avid learner with a growth mindset who loves to understand new technologies and trends. A team player who prioritises effective interactions to foster a productive environment.

TECHNICAL SKILLS

HTML, JavaScript, Node.js, React, Next.js, Express, CSS, Styled-Components, Responsive Layout, PostgreSQL, MongoDB, RESTful APIs, Manual Testing, Unit Testing, Pytest, Jest, React Testing Library

OTHER SKILLS

UI & UX, Wire-framing, Figma, Documentation, Markdown, VSCode, Git, Trello, Slack

PERSONAL ATTRIBUTES

- Committed to continuous learning with a can-do attitude and perseverance
- Effective communicator with a customer-focused and team-oriented approach to problem-solving.
- Self-motivated, reliable, a fast learner with the ability to work independently or within a team setting
- Passionate about supporting colleagues to foster collaborative teamwork

PROJECTS

Pawtel - MERN Stack Project - Server Side

github.com/jessicacliong/pawtel-server

- Created an API for a pet hotel
- Book stay duration of pet accommodation, input personal and pet information, choice of rooms and confirm booking at the end of the process
- Full-CRUD web server API
- **Tech Stack** : Javascript, MongoDB, Node.js, Express.js, Jest

PetStays - Web Server API Project

github.com/jessicacliong/Pet-Stays-API-Webserver

- Created a Web Server API for a pet sitting company
- Book accommodation for pets, update pet information and stay duration.
- Full-CRUD web server API
- **Tech Stack** : Python, Flask, Express, Pytest

Snooze It - Command Line Interface Application

github.com/jessicacliong/Sleep-Tracker

- A sleep tracking application storing user's sleep quality and quantity by date.
- Journaling feature for users to note any additional information.
- Entries can be viewed by date or a week-long entries by entering a date range.
- **Tech Stack**: Python, Command Line, Shell Script, Pytest, Manual Testing

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EMPLOYMENT HISTORY

Backend Intern - **Cogniss**, Sydney (Remote)

JUN 2024 - SEP 2024

Liaised with Tech Lead to write characterisation tests and continue writing documentation of the backend codebase of the company. Learnt and understood the framework of a legacy code and solved bugs encountered through setup of environment and writing tests.

Finance Officer — **CV Puji Mulyo**, Indonesia (Remote)

JAN 2020 - PRESENT

Liaising with the owner and CTO to research and build an effective bookkeeping system suitable for this startup company. I trained staff to utilise the new system and documentation according to standard operational procedures. Allocate and monitor daily activities and progress of work from staff.

Document AP & AR, invoice details, cross-checking invoices of the company with bank statements.

Finance Associate— **Right Management**, Melbourne

JUL 2019 - JAN 2020

I input data entry of daily AP & AR information, invoice details into an accounting program, cross-checking invoices in detail with bank statements. Escalate any discrepancies and issues to the finance team and work together to timely meet daily tasks within tight deadlines.

Assistant Technical Director— **PT Lembah Tidar Jaya**, Indonesia

JULY 2015 - SEP 2018

I learnt to coordinate and manage multiple client and shoe manufacturer projects, focusing on leather specifications of each order under tight deadlines. I liaised with the technical director to research, develop, experiment making innovative leathers based on requests from various clients, designers, and shoe companies. I analysed leather samples provided by clients to replicate competitor products, o material costs or modify performance according to individual requests.

EDUCATION

Diploma of IT - Coder Academy

Melbourne, Australia

MAR 2023 - DEC 2023

BSc of Biotechnology - La Trobe University

Melbourne, Australia

MAR 2010 - DEC 2012