

Gerald Liu

Software Engineer | Full-stack Developer

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Location: Melbourne, VIC, Australia

LinkedIn: [linkedin.com/in/geraldlgf](https://www.linkedin.com/in/geraldlgf)

Github: github.com/genfengl

Portfolio: geraldliu-dev.netlify.app/

Adaptable software developer with one year of experience working in a fast-paced startup environment. Demonstrated expertise in full-stack development, particularly with JavaScript, TypeScript, Node.js, React, CSS and PostgreSQL, with tests written with Jest. Proven ability to design, develop, and deploy web applications, including e-commerce websites, instant messenger apps, and web-based games.

At Doohly, I contributed to various projects, collaborating closely with cross-functional teams to deliver high-quality front-end and back-end projects. Proficient in using Restful APIs and AWS, and experienced in agile development practices, Git, and Jira.

H1 graduate of Master of Agricultural Sciences and upper second class graduate of Master of Information Management for Business, with 2 years of experience in working as an IT support specialist.

Eager to leverage my broad educational background, technical and problem-solving skills, fast-learning capabilities, and analytical thinking to thrive as a software developer to contribute, and continuously learn and improve in dynamic teams.

SKILLS

- **Language:** JavaScript, TypeScript, HTML, CSS, Python, SQL, GraphQL
- **Frameworks and libraries:** React, Node.js, Tailwind CSS, Bootstrap, AntD
- **Database:** Firebase, PostgreSQL, MongoDB
- **Other:** UI/UX design, CI/CD, Git, Jira, AWS

EXPERIENCE

Software Developer - Doohly

JUN 2023 - PRESENT

- Developed responsive front-end components for a web application using TypeScript, React, AntD, CSS with tests written in Jest
- Created endpoints and handler with RESTful API, Node.JS and TypeORM
- Created data migrations with PostgreSQL
- Experienced in working with Jira, Git, and in a monorepo

Freelance Software Developer

DEC 2022 - JUN 2023

Project: Flag Quiz Game - Webpage Game

APR 2023 - countryflagquiz.netlify.app/

- Developed a web-based country flag quiz game, using JavaScript, React.js, Tailwind CSS and Firebase
- Designed responsive, user-friendly and aesthetically pleasing UI and UX
- Implemented hover and on-click effects to improve UX through micro-interactions
- Integrated API from flagpedia.net

Immersive Software Engineering Student - General Assembly

SEP 2022 - NOV 2022

Project: ChatUp! - Instant Messenger App

NOV 2023 - chatup-56.netlify.app/

- Developed an instant messenger app with JavaScript, Tailwind CSS and Firebase
- Imitated the UI of Discord
- Implemented full CRUD database manipulation through Firestore
- Incorporated a variety of React hooks: useState, useEffect, useRef, useContext, and useReducer
- Implemented a dark-mode switch control, hover and on-click effect to improve UX

Project: NTMY - E-commerce Store

OCT 2022 - Nov 2022 - butcherstorereactapp.fly.dev/

- Developed a full MERN stack butcher store web app using JavaScript, React-Bootstrap, React.js, Node.js, MongoDB, Express.js, and Stripe.API
- Implemented a variety of React-Bootstrap components, such as carousel, offcanvas, cards, and navbar
- Implemented user authentication through Passport middleware
- Gained experience working as a group with Git

IT Support Specialist

Mayland Group Ltd

OCT 2018 - JAN 2021

Summer Intern

EY

AUG 2016

EDUCATION

University of Melbourne – H1 First Class Honours

Master of Agricultural Sciences

2021 - 2022

University College London – 2:1 Upper Second Class Honours

Integrated Masters with Honours – Msci, Information Management for Business

2014 - 2018

LANGUAGE

English (Native or Bilingual)

Chinese - Mandarin (Native or Bilingual)

Chinese - Cantonese (Native or Bilingual)