

# LILY DUONG

## Software Engineer

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Portfolio

LinkedIn

Github

### ABOUT ME

Full-stack software engineering student at Holberton School Australia (Cohort 26), with a strong foundation in web development and technical problem-solving. Self-motivated, adaptable, and passionate about technology, I value collaboration, kindness, and continuous growth. Eager to contribute to a mission-driven team like Canva, bringing a can-do attitude and willingness to learn any tools or languages needed.

### SKILLS

- Languages: JavaScript, Python, SQL, C
- Frameworks/Libraries: React, Node.js, Express, Flask, TypeScript, Tailwind, Svelte
- Tools: Git, GitHub, Docker, Postman, JIRA, Playwright
- Concepts: OOP, REST APIs, CI/CD, Agile, TDD
- Databases: SQL, NoSQL
- Soft Skills: Peer learning, project leadership, communication, problem solving

### PROJECTS

- **Personal Portfolio:** Showcasing my important projects, skills and experience, and my story.
- **Netflix Clone:** Full-stack project using React.js, Express.js, MongoDB, Tailwind.
- **Game Hub:** A platform for discovering games with integrated APIs, using React and TypeScript.
- **Ecommerce Website:** Complete frontend with cart and checkout functionality, using JavaScript, HTML, CSS.
- **20 Small JavaScript Projects:** Practicing the fundamentals of JavaScript through creative mini-projects.
- **Simple Shell:** Built a functional Unix shell in C, demonstrating process control, command parsing, and use of system calls like `fork()`, `execve()`, and `wait()`.

### WORK EXPERIENCE

#### Full-Stack Engineer Student - Holberton School Australia

Feb 2025 - Nov 2025

Enrolled in an intensive, peer-driven, project-based program with a focus on building strong foundations in software engineering through real-world problem solving and 3-4 hands-on projects per week.

##### ► Sprint 1: Linux, Shell, C, and Algorithms

- Built a functional Unix shell in C, implementing system calls (`fork`, `execve`, `wait`) and managing memory.
- Gained proficiency in low-level programming, data structures, Git, and command-line tools.

##### ► Sprints 2 & 3 (starting May): Python, SQL, Web Development & Full-Stack Projects

- Will build a full-stack Airbnb clone using Python, Flask, JavaScript, and REST APIs.
- Collaborate on a capstone group project, to be presented to 100+ attendees on Demo Day.

#### Technical Solutions Specialist - TDCX Malaysia

Apr 2022 - May 2024

- Supported 1000+ advertisers globally in setting up and troubleshooting tracking (Google Ads, GTM, Analytics)
- Customised JS tracking solutions and debugged issues using browser dev tools
- Mentored new hires, improved resolution rates by 30%, and earned top CSAT recognitions

#### Digital Marketing Consultant - TDCX Malaysia

Jan 2021 - Apr 2022

- Support customers with issues of Google Ads, Analytics, Google Tag Manager, Merchant Center.
- Joined the Product Team to train new hires and provide peer support across the team.
- Contributed to workflow improvements and was recognized as Employee of the Month.

#### Data Analyst - Accenture Malaysia

Jan 2019 - Jan 2021

- Reviewed and annotated large volumes of users' identification.
- Identified workflow inefficiencies and proposed data-driven solutions

#### Customer Support & Data - Concentrix Vietnam

Oct 2017 - Oct 2018

- Delivered support for Uber and Grab projects via phone, email, chat
- Helped optimise workflows and led team knowledge-sharing sessions

### EDUCATION

#### Holberton school Australia

Feb 2025 - Nov 2025

Full-Stack Software Engineering

#### Tay Nguyen University

2012-2016

Bachelor's Degree in Chemistry Education

### REFERENCE

#### Adrian Liew

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Holberton | Instructor

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