

ONG CHANG LE

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First-Class Honours Computer Science graduate (**CGPA 3.76**) from **Monash University** with a specialization in **full-stack development**, proficient in building backend services with **Java**, **Python**, and **SQL**, and developing front-end interfaces with **JavaScript**.

EDUCATION

Monash University Malaysia | Selangor, Malaysia
Bachelor of Computer Science

Feb 2022 - June 2025

- **CGPA:** 3.76 / 4.0; **WAM:** 81.45

WORK EXPERIENCE

Software Engineer Intern, Juris Technologies

Dec 2023 - Mar 2024

- Engineered and delivered new backend features by translating Functional Specification Documents (FSD) into robust, production-ready code using **PHP**, **JavaScript**, and **PL/SQL**.
- Resolved over 10 client-reported technical issues by debugging the web application and optimizing **SQL queries**, directly improving application stability and client satisfaction.
- Contributed to the full development lifecycle, authoring User Acceptance Testing (UAT) scripts and managing project tasks and version control with **ClickUp** and **Git**.

PROJECTS

AI-Powered Rebar Counting Application (Final Year Project) | [\[GitHub\]](#) | [\[Demo\]](#)

- Trained and fine-tuned a **YOLOv8** deep learning model to achieve over **95% accuracy** in rebar detection on a custom dataset of construction site images.
- Developed and deployed an interactive web application using **Gradio** and **HuggingFace Spaces**, enabling real-time object detection from user image uploads.
- **Technologies Used:** Python, PyTorch, YOLOv8, OpenCV, Gradio, Hugging Face

URL Shortener - RESTful Backend Service | [\[GitHub\]](#)

- Architected and built a robust microservice with **Java** and **Spring Boot**, implementing RESTful APIs for creating, retrieving, and redirecting URLs.
- Engineered a production-ready backend by managing the **MySQL** schema with **Flyway** for versioned migrations, validation through **Bean Validation**, documented by **Swagger UI**.
- **Technologies Used:** Java, Spring Boot, Spring Data JPA, MySQL, Flyway, Swagger

ADDITIONAL INFORMATION

Technical Skills

- **Core Languages:** Python, Java, JavaScript, SQL
- **Core Technologies:** Spring Boot, Spring Data JPA, PyTorch, YOLOv8, MySQL, Flyway
- **Developer Tools:** Git/GitHub, HuggingFace, Vercel, Swagger
- **Familiar With:** React, Flutter, HTML/CSS, C, Dart, PostgreSQL, Oracle SQL, Docker

Languages: English (Fluent), Chinese (Fluent), Malay (Conversational)