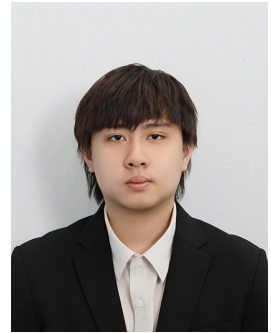


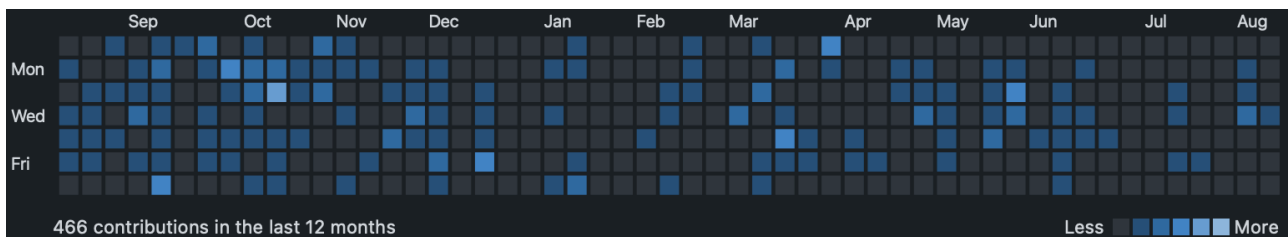
# BOWEN CHONG XIAN ZHEN

+82 010 8111 2233  
www.zhen.software  
bowxyt@gmail.com  
yamazhen



## Introduction

I'm a software developer from Malaysia who began working professionally during my third semester at university. While studying computer science full-time, I built real products, shipped code, and gained over a year of industry experience before graduating as the top student in my year. I am passionate about writing clean code, learning quickly, and building solutions that truly work.



Work contributions during my studies: 466 commits in one year on company's GitLab instance (excluding personal GitHub activity)

## Experience

### Containervse Sdn. Bhd.

Web Developer – Remote

- ▶ Sole developer for HR system used by 200+ employees at a hypermarket chain
- ▶ Built scalable apps with Spring Boot, Thymeleaf, and MySQL
- ▶ Handled infrastructure, new features, and critical bug fixes

JULY 2024 – PRESENT  
PETALING JAYA, MALAYSIA

### Independant

Web Developer – Remote

- ▶ Developed CMS-enabled biography site for U.S. professor
- ▶ Created responsive UI with HTML, CSS, JS, and PHP
- ▶ alvincamba.com

MARCH 2020  
VIENNA, UNITED STATES

## Education

### Dongseo University

Bachelor of Science in Computer Science

- ▶ CGPA 4.13/4.5 (Expected Graduation in August)

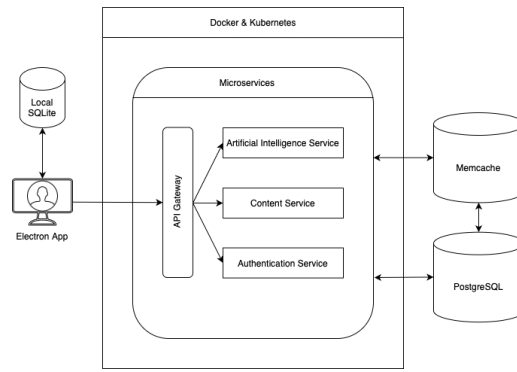
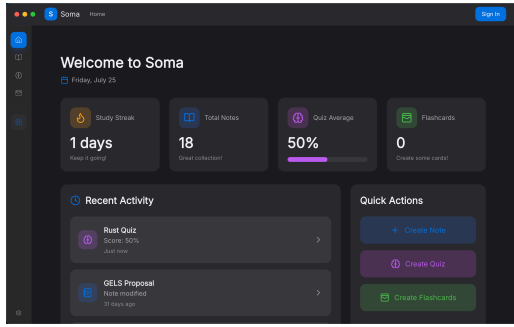
2023 – 2025  
BUSAN, SOUTH KOREA

## Notable Projects

### Soma (Capstone Project)

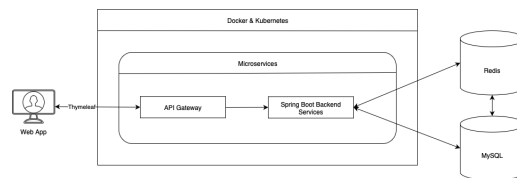
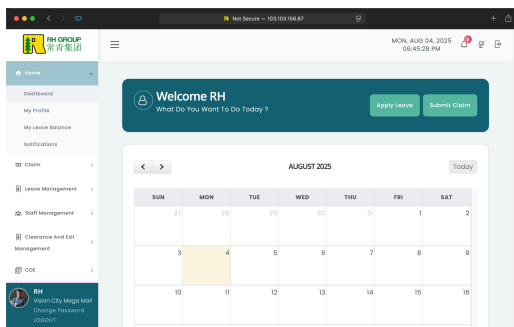
- ▶ Built desktop application for note-taking, quiz creation, and flashcard management with AI-powered content generation
- ▶ Fine-tuned LLaMA 3.2 1B model with Gemini API as fallback for generating study materials
- ▶ Integrated model into backend API enabling automated study material generation from user input





## e-Human Resource Management System (Work Project)

- ▶ Designed the database schema and implemented core business logic for a full-featured HR management system
- ▶ Developed key modules including employee management, leave tracking, correspondence, and more
- ▶ Designed and developed the frontend using Thymeleaf, ensuring smooth UX and backend integration



## Awards & Activities

### Outstanding Student Award (2025)

- ▶ Graduated with Outstanding Student Award from Dongseo University for academic excellence and contributions to the university community

### Excellent Paper Award (2025)

- ▶ Recognized for research paper "Design and Implementation of an AI-Based Integrated Desktop Application for Study Support" at the 2025 KICSP Conference

### Excellent Paper Award (2024)

- ▶ Honored for "Design and Implementation of an Automated Question Generator using Google Gemini AI" at the 2024 KICSP Conference

## Technical Skills

**Programming Languages** Java, Python, JavaScript, TypeScript, Lua, C, HTML, CSS, SQL

**Framework & Libraries** Spring Boot, Express.js, React.js, Node.js, Thymeleaf, TailwindCSS, Electron.js, Fastify.js, Next.js

**Tools & Technologies** Neovim, Docker, Kubernetes, Git, MongoDB, MySQL, PostgreSQL, SQLite, Postman, Homebrew

## Languages

**Native** English, Malay

**Fluent** Mandarin, Cantonese

**Conversational** Japanese

**Basic** Korean