GUAN Jianxi

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Portfolio: https://portfolio-eric-g.vercel.app/

EDUCATION

Hong Kong Baptist University   Jul 2024 - Present
MSc in Information Technology Management

University of Wollongong, Australia   Sep 2019 – Jul 2022
Bachelor of Computer Science

PROFESSIONAL SKILLS

Programming Skill: Java, Spring Boot, Spring Cloud Alibaba (Nacos, Dubbo, Gateway), HTML, CSS, JavaScript, React, Next.js, Vue.js.

Database: MySQL, MongoDB, PostgreSQL, Redis, MyBatis, Hibernate.

Tools & Other: Git, AWS (EC2, S3), Azure (Cosmos DB, Power BI), Figma, Postman.

Language Skills: Cantonese(native), Mandarin(native), English(fluent).

PROJECT EXPERIENCE

E-Commerce Platform – Individual Project   Jan 2025 - Present
Project Description: A full-stack e-commerce application.
Technologies: Spring Boot, Spring Data JPA, Spring Security, JWT, React, Tailwind CSS

➢ Engineered a robust backend using Spring Boot, Spring Data JPA, and Hibernate, to easily configure multiple databases (MySQL, PostgreSQL) for different environments.

➢ Implemented JWT-based authentication using Spring Security to secure RESTful APIs, ensuring secure user login, registration, and access control.

➢ Build an interactive UI using React and Tailwind CSS, ensuring a seamless experience with dynamic real-time feedback mechanisms and intuitive navigation features.

➢ Conducted comprehensive API testing using Postman, validating endpoints for data accuracy, error handling, and performance under various scenarios.

Online Baking Blog - Individual Project   Nov 2024 – Dec 2024
Project Description: Practical projects on full stack development.
Technologies: Spring Boot / MySQL / MyBatis / Vue.js

➢ Engineered backend logic using Spring Boot and MyBatis, ensuring smooth handing of blog creation, editing, deletion, searching and categorization.

➢ Developed a responsive and user-friendly interface using Vue.js and Element UI, enabling seamless content creation and management.

➢ Integrated Axios for efficient API communication, ensuring smooth data flow between the front-end and back-end.

Course Management System - Individual Project   Nov 2024 – Nov 2024

Project Description: Practical projects on Spring Cloud.

Technologies: Spring Boot / Spring Cloud Alibaba / MyBatis

➢ Designed database tables for users, roles, permissions based on RBAC.
➢ Used Nacos to register services between microservices and used Dubbo to remote call other service interfaces.
➢ Used Spring Cloud Gateway to realize the routing and forwarding of the API gateway.

SOCIAL/CAMPUS PRACTICE

Sister Cancer Support Group (SCSG), Wollongong, Australia

Participator, Researcher   Jul 2021 – Jul 2022

Project Description: Developing mHealth interventions (mobile application) for cancer survivors through user-tailored educational content and information.

Key Responsibilities:

➢ Responsible for UI design using Figma to provide interactive UI. Collaborated with other team members to develop android mobile application for cancer survivors (CALD group) in Illawarra district using Android Studio (Java language) and provided project process and requirement analysis reports.

Reflections:

➢ Through this project I have learnt that the IT industry covers a wide range of places. I learnt a lot about cancer and realized that what we are doing is meaningful and can provide some help to cancer survivors.

Nan Tian Temple, Wollongong, Australia

Volunteer   Jun 2021 - Jul 2021

➢ Volunteer Communication and Management: Assist in daily communication and management of volunteers, assist in the reception of visitors, maintain a daily duty schedule of volunteers, provide regular and fixed explanation of duty schedules.
➢ Temple Maintenance: Responsible for the environment and sanitation of the temple for tourists and regular cleaning of the temple.
➢ Miscellaneous: Any other duties as assigned by the supervisor.