Xinrong li

Tel: (61) 492940978   E-mail: xinrong1216@gmail.com
Adelaide, SA

EDUCATION

Flinders University, Adelaide, Australia   July 2023-July 2025
Master of Information Technology

WORK EXPERIENCES

Oppo, Shenzhen, China   Nov 2024-Feb 2025
Intern/Full-time

- Participated in the development and optimization of the backend order management module in the company's e-commerce system using **Java + Spring Boot**, implementing order status flows and timeout closures to improve system stability.
- Collaborated in a **4-person team** to develop auxiliary testing tools using **Python and Shell scripts**, achieving **one-click test environment setup** and **automated regression testing**, increasing testing efficiency by **~60%**.
- Responsible for **unit and interface testing** for specific modules, utilizing **JUnit and Postman** to write and integrate test cases into the **CI pipeline**, resulting in **93% interface coverage**.
- Conducted **performance testing and tuning** using **JMeter** to simulate high-concurrency scenarios, optimized **MySQL slow queries**, and reduced core interface response time from **1.2s to 350ms**.
- Familiar with collection classes, thread pools, and JVM memory model; completed a JVM GC tuning experiment under the guidance of a mentor.

PROJECTS

What I Learned – Full-Stack Learning Journal App
A full-stack web application that allows users to log and manage their daily learning experiences.

- Developed the frontend using **React.js** with functional components and hooks
- Built a RESTful API using **Node.js** and **Express.js** to handle data operations
- Utilized **MySQL** as the database, hosted on **Railway** with secure access via environment variables
- Deployed the backend on **Render**, achieving CI/CD with automatic build and deployment
- Used **Axios** for client-server communication and **Postman** for API testing
- Managed source code with **Git & GitHub**, ensuring clean, modular structure
- Focused on scalability and separation of concerns across frontend, backend, and database layers

SKILLS& CERTIFICATES

Programming Languages: C#, JavaScript (ES6+), TypeScript, Java, PHP

Frontend: React.js, HTML5, CSS3, SASS, Bootstrap, Tailwind CSS

Backend: .Net(core), Node.js, Express.js, Spring Boot

Databases: MongoDB, MySQL

DevOps: Docker, Jenkins, AWS, CI/CD

Version Control: Git, GitHub