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Wanxia Yang

Personal Summary

I'm a final year Master of Computing and Innovation student with a strong focus on software development. I have a passion for coding and an eagerness to continually learn and implement new technologies. I pride myself on delivering high-quality code promptly and adapting quickly to evolving tech trends.
I am actively seeking an internship opportunity to expand my practical experience, apply my innovative thinking to real-world projects, and take a step further towards my ultimate ambition of making a significant impact in the tech industry

Skills and Highlights

- React
- Spring Boot
- MySQL
- Azure Cloud Services
- Redis
- Maven
- Swagger
- RESTful API
- Postman
- Git
- Java
- Python
- C/C++
- JavaScript
- Agile Methodology
- Adaptive
- Team Player
- Problem Solving
- Time-Management
- Communication

Employment History

Apr 2018 – 2021   Freelancer Translator

Duties:
Specializing in legal translations, I delivered translation and meticulous proofreading services for IPO documents, annual reports, and various legal contracts related to litigation.

Projects

Jun 2023 – Current   Back-end Developer
ArrowFit Website

ArrowFit is a fitness website including a management system, a program appointment and scheduling system and a forum. It has three kinds of users: customers, registered trainers and the administrator. The developing team includes two front-end developers, a business analyst and a back-end developer.

Duties:
Responsible for designing and implementing a back-end server for the fitness website using Java Spring Boot and MyBatis, and a database with MySQL which deployed on an Azure Cloud Server. Also Responsible for unit test of the back-end server using JUNIT, Restful API design and API documentation using Swagger.

Achievements:
- Designed and implemented a double-token identity authorization system with JWT and Interceptors, enhanced the system security
- Implemented a caching mechanism with Redis, increased the speed of data retrieving
- Designed and created the automatically cleaning mechanism for the database using Spring Task, increased operational efficiency
- Developed a back-end feature for sending email verification codes using the Spring Email framework and UUID generation, ensured secure and reliable user authentication
- Utilized PageHelper and MyBatis Generator for database interactions, significantly improved development efficiency by automating repetitive coding tasks
- Implemented request validation using Hibernate Validator and paired it with a Global Exception Handler to effectively manage erroneous requests, enhanced the robustness of the application and contributed to a more reliable user experience

Mar 2023- June 2023   Front-end Developer
                              Labman System

Labman System is a comprehensive equipment management solution developed for the University of Adelaide. The system encompasses a mobile interface for students and an administrative end, providing a platform for course-specific equipment management and a streamlined system for equipment loaning, returning, and tracking. The development team consisted of a front-end developer, a back-end developer, and a testing engineer.

Duties:
Designed the front-end design phase utilizing MoDao, implemented front-end using React and deployed the two front-end using Azure Static Web Service. Engaged in code review for the back-end structure, primarily written in Express.js, and worked in unison with the back-end developer on the design of RESTful APIs. Designed the front-end system to be modular to accommodate agile development cycles.

Achievement:
- Implemented a admin end for computer users with React and AntD, incorporating 9 major management modules
- Implemented a responsive student-end for mobile users using React.js and MUI, ensuring usability across devices and enhancing the user experience.
- Enhanced the performance of the front-end through page segmentation and individual routing using React-Router
- Developed a file-import feature using Papa Parse for efficient data management, which streamlined the process of importing and parsing CSV files.

Education

University Of Adelaide	Master of Computing and Innovation (6.7/7.0)	2022-2023

- Master of Computing and Innovation Project (High Distinction)
- Operating System (High Distinction)
- Computer Network Applications (High Distinction)
- Computer Systems (High Distinction)
- Mining Big Data (High Distinction)
- Foundation of Computer Science (High Distinction)
- Project Management Fundamental (Distinction)
- New Venture Creation (Distinction)

Oracle	Associate Cloud Infrastructure Foundations		2023
Coursera	Python for Everyone		2019
Shanghai University of International Business and Economics		Bachelor in Law	2012-2018

Volunteering

University of Adelaide	Orientation Week (Tour Guide)	2023

References

Available upon request.