Lim Yu Jing

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SOFTWARE DEVELOPMENT SKILLS & SUMMARY

Software Engineer with over a year of experience in factory and site acceptance testing, Unix and Oracle database administration, troubleshooting, quality assurance and providing L2 support for mission-critical SCADA system. Proficient in Unix, Oracle, scripting, programming languages and Object-oriented programming, KornShell, JSP, Java, HTML, CSS, PHP, C, C++, C# and SQL. Objective, energetic, and disciplined, excited to utilize my skillsets in system administration, web development and system quality assurance while being a supportive force that drives business growth in the organization.

WORK EXPERIENCE

Power Automation   Jul 2022 – Present
- **Software Engineer**   Singapore
  - Administered, provided L2 support, read system error logs, diagnosed, troubleshot and fixed Singapore and Macau mission-critical SCADA system errors, Spectrum Power 4, during and after business hours as a standby Site Engineer
  - Assisted Senior Engineers with functional, stress and reliability tests to ensure functional stability of SCADA programs
  - Performed quarterly preventive maintenance activities to ensure SCADA system's stability, reliability and usability
  - Developed KornShell scripts to monitor, identify, automate and evaluate SCADA performance and errors
  - Modified and updated C++ programs to improve SCADA system's functionalities, scalability and user experiences
  - Collaborated with cross-functional teams in functional, program, hardware, software factory and site acceptance testing for Macau SCADA system upgrade
  - Regularly backed up file systems, program codes and databases to ensure system redundancy and quicker recovery
  - Communicated with Singapore and Macau SCADA operators and developed KornShell and Oracle scripts to provide them with requested data from Oracle or SCADA's proprietary database
  - Designed and implemented new Oracle elements after testing their compatibility with existing programs and data
  - Documented system performances, errors, bugs and code changes and communicated with project and maintenance teams through written reports and oral presentations to identify and solve complex system issues

Alpha Red Solutions   Aug 2021 – Jan 2022
- **E-Commerce Intern Web Developer**   Singapore
  - Developed C# E-commerce shopping cart essential functions: select, save, delete, modify and purchase
  - Developed C# E-commerce marketing feature that pops up promotions at checkout to increase sales and revenue
  - Developed essential filter and sorting functions: recommended, featured, price and reviews
  - Developed C# administrative and management system for sellers to manage shipping details of purchased goods
  - Redesigned website's texts, images, tabs and buttons to be appealing, modern, responsive and mobile-friendly using bootstrap and CSS grid to increase customer engagement and website traffic

EDUCATION

Tun Hussein Onn University of Malaysia   2018 – 2022
- **Bachelor of Computer Science (Software Engineering) with Honours, Upper Second Class Honours**
  - Algorithm, Data Structure, Object-oriented Programming, Software Quality Assurance, System Analysis & Design

Awards
- **Dean List 2018 Semester 1, Dean List 2021 Semester 1, CCNA: Introduction to Networks**

Leaderships
- **President and committee of Chinese Cultural Club**
  - Organized funfair and Chinese culture events, trips to museums and promoted Chinese culture via various medias

Final Year Project
- **Gym Management & Booking System**
  - Surveyed gym business processes, did database design and ER Modeling that represent gym business rules
  - Developed gym management system for gym administrators and booking system for gym members written in Java, SQL, HTML and CSS, using Eclipse, Tomcat 8.5 and AWS Elastic Beanstalk technologies
  - Developed vital gym management functions: managing customer information, inventory and gym trainers, equipment booking and payment

Other projects
- **Fashion store**   **Features product filter, searches, sorting, shopping cart, payment**   **PHP, SQL, JavaScript**
- **Printer stats**   **Generates daily paper usage stats, calculates fees and shows ink status**   **PHP, JavaScript**
- **Dorm web app**   **Features dormitory notices, school event promotions and forms**   **.Net, Bootstrap**