SONG WANG YE

MES Engineer

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🌐 swye99.com

EDUCATION

Bachelor of Computer Science with Honours (Network Computing)

Universiti Malaysia Sarawak

Oct 2019 - Nov 2023

CGPA 3.68

SKILLS

- FineReport
- Process Designer (MES)
- System Administration and Management
- Programming languages: C, C++, C#, SQL, Java, VB.net, Dart, PHP, HTML, CSS, and JavaScript.
- Web-Based System Development
- Software Development (Android Studio, Hbuilder X, Intelij IDEA, Visual Studio Code)
- Firebase and Firestore
- HMS Toolkits
- Testing and Log Issue
- Server Monitoring (NetData Cloud)

LANGUAGES

- ENGLISH (MUET BAND 4)
- MANDARIN (NATIVE)
- MALAY (INTERMEDIATE)

ACHIEVEMENT

- DEAN LIST (SEM 1, 3, 4, 5, 7)
- SIJIL HADIAH CEMERLANG: SPM STRAIGHT A'S AWARD (2016)

ABOUT ME

Bachelor's degree in Computer Science (Honours) specializing in Network Computing. Currently working as a Manufacturing Execution System (MES) Engineer at LONGi Malaysia Sdn. Bhd. (Bintulu) since September 2023. Seeking opportunities to utilize my skills in software development, web-based system development, MES implementation, and network administration. Passionate about contributing to innovative and growth-oriented organizations.

WORK EXPERIENCE

MES Application Engineer

LONGi Malaysia Sdn. Bhd. (Bintulu)   **07/09/2023 - 16/10/2024**

- HR Attendance System: Developed a comprehensive HR attendance system using VB.NET and PHP, ensuring accurate and efficient tracking of employee attendance.
- ITSM System Development: Built an IT Service Management (ITSM) system from scratch using GLPi, including setting up a cronjob for automated tasks.
- Report Translation: Translated reports in FineReport from Chinese to English, ensuring clear and accurate communication.
- SQL Editing: Edited SQL queries in FineReport to add new columns and populate data, enhancing report functionality.
- MES Interface Translation: Translated the interface of the Manufacturing Execution System (MES) using Process Designer, improving usability for local users.
- MES Troubleshooting: Troubleshot MES issues by analyzing business flows, data comparison, and user operations, ensuring smooth system functionality.
- Device Reinstallation and Assignment: Assisted with the setup of the new Bintulu plant by reinstalling MES applications on all user devices and assigning users to the devices procured by their respective departments.
- Static IP Configuration: Set up static IP addresses for MES desktops and printers in preparation for the MES server launch. Coordinated with China support to add the printer IPs to the China MES server, ensuring proper connectivity and functionality.
- Installation Manual and Employee Card Design: Authored the installation manual for the MES application and designed employee cards upon HR request, facilitating smoother onboarding and identification processes.

EXTRA ACTIVITIES (LONGi-Bintulu)

- HR Training Ambassador: Participated in HR training sessions as an ambassador, representing and supporting employee engagement initiatives in IT Department.
- EHS Committee Member: Joined the EHS Committee, contributing to workplace safety and environmental health initiatives.
- IT System Coordinator: Acted as the system coordinator for the IT department, liaising between the Quality, Environmental, Health, and Safety (QEHS) team and IT department.
- Confidentiality Training Member: Served as a confidential member for the IT department, attending training sessions and educating department members on maintaining the confidentiality of documents created and company operations.

Software Testing Trainee (Intern)   **28/02/2022 - 28/09/2022**

Sarawak Information System Sdn Bhd (SAINS) I Kota Samarahan

- Collaborated with the team to identify and retest software issues.
- Assisted in creating test plans and reports for software products.
- Gained experience in various testing methodologies including manual testing.

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PARTICIPATION

- 2023 WORKSHOP (UNIMAS): INTRODUCTION TO GAME DEVELOPMENT USING UNITY
- 2020 (UNIMAS): KEMPEN KESEDARAN PANDEMIC COVID-19 (GLOBAL VOLUNTEER LEADERSHIP) | AJK

IT PROJECT EXPERIENCE

Final Year Project (Individual)   2023
Universiti Malaysia Sarawak (UNIMAS)

- Developed a student course registration coordination system using Flutter framework with Dart language (front-end), Firestore (back-end), and JavaScript with Firebase cloud function (back-end) in Visual Studio Code.
- Connected physical android device to personal computer for debugging purpose using Android Studio.
- Conducted user testing to discover errors and debugged errors.
- Wrote a full FYP report with guidance of FYP supervisor.
- Developed a mobile application with chat system and ticketing system.

Huawei Training Course Project (Team)   17/10/2021
HMS Foundation Course

- Developed a bird shooting game using Android Studio and published it in AppGallery.
- Utilized HMS toolkits in the development process and integrated them into the project.
- Conducted testing to discover errors and optimize usability, and debugged errors.
- Promoted the gaming application through a well-crafted article in Huawei forum.

Web-Based System Development Course Project (Team)   2021
Universiti Malaysia Sarawak (UNIMAS)

- Collaborated with team members to create a faculty room booking and management system.
- Carried out front-end and back-end development tasks for both public and internal websites.
- Conducted tests to discover errors and optimize usability.

REFERENCES

Dr Khoo Eng Ann (IT Senior Manager)
IT DEPARTMENT

LONGi Malaysia Sdn. Bhd. - Sarawak

Phone: +60133527210   Email :   eakhoo@longi.com

AP Dr Tan Chong Eng (FYP Supervisor)
Faculty of Computer Science and Information Technology

Universiti Malaysia Sarawak (UNIMAS)

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