JASPER LING

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TECHNICAL SKILLS

Programming: HTML, CSS, JavaScript, React, Python, Flutter
Databases: MySQL, MSSQL, Firebase, PostgreSQL
Other: Certified AWS Cloud Practitioner

WORK EXPERIENCE

Singapore Technologies Engineering Ltd   Singapore, SG
Senior Software Engineer   Jan 2024 – Present
- Developed a production tool that streamlined the process, boosting operational efficiency by 20%.
- Conducted load, performance, and hardware testing; identified and resolved bottlenecks which improved system throughput by 50%.
- Designed and maintained Flutter-based mobile applications, enhancing user experience and app performance.

Federal Packaging Industries Pte Ltd   Singapore, SG
Software Engineer   Jul 2020 – Oct 2023
- Spearheaded Industrial IoT and SCADA system implementations; improved factory automation and reduced downtime by 20%.
- Tracked product carbon footprint to support sustainability efforts.
- Provided end-to-end IT support for a team of 50+ users, including network administration and troubleshooting within 24 hours.
- Collaborated with overseas vendors to optimize SaaS platforms, speeding up feature delivery.
- Managed project timelines for installations and maintained PLC ladder logic for EOS machinery.

Freelance   Singapore, SG
Software Engineer   Jan 2019 – May 2020
- Enhanced MES and HMI systems, improving production visibility and reducing reporting time by 2 hours.
- Maintained backup and recovery processes to ensure data integrity and minimize data loss risk.

EDUCATION

University of Wollongong   Australia, AU
Bachelor of Computer Science (Big Data)   2018 - 2020
Relevant Courses: Object-Oriented Programming, Database Systems, Big Data Management, Algorithms & Data Structures

Ngee Ann Polytechnic   Singapore, SG
Diploma in Electrical & Computer Engineering   2012 - 2015
Relevant Courses: Object-Oriented Programming, Control Systems, Mobile Device Technology, Engineering Mathematics

LANGUAGE PROFICIENCY

English – Full professional proficiency
Chinese – Conversational fluency
Japanese – Basic proficiency