LEE QIN WEN

Singapore
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PROFESSIONAL SUMMARY

Software Engineer and System/Business Analyst with 3+ years of experience in leading projects, gathering business requirements, and optimizing system performance. Proven track record in improving system stability, streamlining business processes, and delivering high-quality software solutions on time. Strong communicator with a focus on bridging business and technical needs for optimal results.

EDUCATION

University Tunku Abdul Rahman - Malaysia | Bachelor of Science
Software Engineering, 05/2020

EXPERIENCE

SOFTWARE ENGINEER / BUSINESS ANALYST | 07/2024 to Current
Secur Solutions Group Pte Ltd - Singapore

- Successfully drove the Ministry of Law project to go-live on time by gathering business requirements, collaborating with stakeholders, managing development milestones, and proactively mitigating risks.
- Led requirement gathering sessions with users to document business needs, create user stories, and bridge the gap between business expectations and technical implementation.
- Analysed and resolved 78% of logged issues, enhancing system stability and user trust, ensuring seamless business operations.
- Developed comprehensive documentation, process flows, and debugging mechanisms, improving cross-team collaboration and troubleshooting efficiency.
- Fostered a customer-centric approach, leading to a 20% increase in user satisfaction and an improvement in the adoption rate of system changes within the first 3 months.
- Optimised SQL queries to enhance system performance by 30%, improving data retrieval for business reports and decision-making.

SOFTWARE ENGINEER | 06/2022 to 06/2024
Medisys Innovation Pte Ltd - Singapore

- Developed and enhanced Lab Management Software using React.js and ASP.Net, implementing 5 key features that improved functionality, user experience, and system efficiency.
- Provided Level 3 technical and functional support, debugging critical system issues, improving application stability, and reducing downtime.
- Led data migration for Aptus Medical Center, writing migration scripts and optimising data processing workflows, which increased data accuracy by 80% and ensured seamless legacy system integration.
- Independently executed a large-scale migration for Singapore Polytechnic project, achieving a 90% data transfer rate to GCC AWS by designing efficient data validation.

SYSTEM ANALYST

- Led and managed 2 simultaneous software projects, driving smooth delivery through all phases of the system development lifecycle (SDLC) by coordinating between business stakeholders and development teams.
- Collaborated closely with stakeholders to gather business requirements and translate them into detailed functional and technical specifications for the E-Signature project, which streamlined admission processes, reducing paper usage and manual work by 90%.

- Conducted in-depth business process and system analysis, identifying gaps, inefficiencies, and opportunities for automation, leading to strategic improvements in operational workflows and data management.
- Led and managed User Acceptance Testing (UAT) for 2 key Parkway projects, ensuring software applications met business requirements and user expectations before deployment. Developed and executed test plans, analysed results, and coordinated fixes with development teams.
- Crafted and maintained essential documentation, including Business Requirements Documents (BRD), Functional Requirements Documents (FRD), and API Mapping Specifications, ensuring clear and structured communication between business teams and technical developers.

JUNIOR FULL STACK SOFTWARE ENGINEER | 07/2020 to 04/2022
Adtiki Sdn Bhd - Petaling Jaya

- Developed the Ads Campaign Management web application using JavaScript, Ember.js, PostgreSQL, Node.js and Koa.js, delivering tailored functionality to streamline advertising processes.
- Enhanced user experience by achieving a 70% improvement in cross-browser compatibility through responsive web design, ensuring seamless functionality across devices and browsers.
- Improved code quality and maintainability by reducing deprecated code by 20% and implementing comprehensive test cases using Mocha and Chai to cover critical functionalities.
- Streamlined task automation by contributing to Bull-based cron jobs, automating processes such as currency updates and email alerts.

INTERN SOFTWARE ENGINEER | 10/2019 to 12/2019
Adtiki Sdn Bhd - Petaling Jaya

SKILLS

- JavaScript
- SQL
- Node.js
- Business Analysis
- NET Framework
- React
- Project Management
- Problem Solving

CERTIFICATIONS
- AWS Certified Cloud Practitioner