



THENG WEI LWE

FULL-STACK SOFTWARE ENGINEER

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WORK EXPERIENCE

Kingland Systems, Advanced Software Engineer Intern

JUN 2023 - DEC 2023

- Aided in migrating enterprise-level application core processes into an AWS Batch service using Jakarta Persistence and SQLite to solve Out-of-Memory issues and save both client and company costs by 30%.
- Enhanced code and branch coverage of existing codebase from 50% to 90% using JUnit 5, Mockito, and JaCoCo.
- Utilized GitLab for CI/CD pipelining, automating Docker and Terraform scripts, version-controlling, and code reviews to accelerate development and testing.
- Personally developed a web-based Scrum Poker tool using ReactJS and NodeJS which expedited agile team in sizing tasks for bi-weekly sprints.

Dbix Systems Sdn Bhd, Full-Stack Software Developer

AUG 2018 - MAR 2019

- Developed an Invoice Receiving System using Angular6 and SailsJS for client company's internal staff that accelerated invoice processing.
- Wrote JavaScript code on SailsJS framework to handle server-side functions, RESTful API calls, and URL routing.
- Utilized MySQL to handle data storage, retrieval, and manipulation through SQL queries.
- Developed a lite mobile application using Android Studio to read and process customers' Identification Cards and store their data through SOAP operations which generated 25% more revenue for completion before the project deadline.

PROJECTS

Produce Inventory Management System

2023

- Developed a custom-tailored grocery produce inventory management system using NextJS and PostgreSQL that helped employees and managers track product quantity and details.

Wordle With Friends

2022

- A light spin of the classic Wordle application which includes user history, leaderboards, and animations built using ReactJS and NodeJS.

Inventory Management System

2020

- Meat business inventory management system developed locally using PHP, JavaScript, and XAMPP which helped track inventory products, revenue, customers, and orders.

SKILLS

- **Languages:** JavaScript, Java, Python, TypeScript, PHP, C/C++
- **Framework & Libraries:** React, Angular, NodeJS, SpringBoot, Android Studio
- **Databases:** MySQL, PostgreSQL, NoSQL, Neo4j

EDUCATION

B.S. Software Engineering | Iowa State University | 2023

CGPA : 3.96/4.00

Diploma in Information Technology | Sunway University | 2018

CGPA: 3.90/4.00