Wan Yi Lee

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Summary

*With 5 years in **software product management** and 2 years of experience in **software development**, I am a passionate and detail-oriented software engineer proficient in both **front-end** and **back-end** development. I boast a proven track record of **driving app usage rates, subscriptions, and pay rates**, showcasing my strong skills in **cross-functional communication, project management, and problem-solving**.*

SKILLS

Javascript (ES6+) / Node.js / React / Redux / HTML / CSS / REST API / Express / PostgreSQL / Sequelize / MongoDB / Docker / Git / Jira / Python / Object-Oriented Programming / Project and Product Management / cross-functional communication / stakeholder engagement

Bilingual: **Mandarin, English**

PROFESSIONAL EXPERIENCE

Web Application Developer | *Qualys - Cloud Security*   Foster City, CA | 2022 - Present
- Optimize the performance of app security scanning product and testing efficiency by working with QA/QC Engineers and building applications for cyber risk assessment.
- Develop 80+ customized apps and replicate clients' key features for unique testing scenarios by integrating front-end and back-end development with Node.js, React, Express, Swagger / OpenAPI.
- Deploy applications on Linux using Docker and Docker Compose, ensuring consistency across environments.

Project Manager | *Super Micro Computer*   San Jose, CA | 2019 - 2020
- Drove complex projects of global scale, such as renewing products' compliance standards to meet European safety regulations, managing 12 products at the same time.
- Mitigated delays by negotiating lead time with suppliers, successfully cutting financial loss caused by late shipment.

Product Manager | *FLNET Corporation - FOXCONN Group*   Taipei, Taiwan | 2017 - 2019
- Led cross-functional collaboration on the company's key product – an app store in smart TV box , overseeing completion from conception within 3 months.
- Managed 7 apps and analyzed user data to optimize user experiences, boosting app store usage rate by 5%.
- Designed and implemented strategies improve user experience, increasing pay rate by 9% and subscription rate by 12%.

Senior Product Marketing Manager | *So-net Entertainment - Sony Group*   Taipei, Taiwan | 2015 - 2017
- Managed 3 top-ranked Japanese mobile game apps on Google Play and App Store in Taiwan and Hong Kong.
- Led a cross-functional team of 10 individuals, achieving an over 90% success rate in meeting KPIs by strategizing marketing decisions and managing end-to-end project executions. About 1/3 of successful projects stayed under 90% of the total budget.
- Consistently maintained digital Ads cost below industry benchmark, by analyzing user engagement metrics.

PROJECT

Catniip | A Node.js Ecommerce web app built with Javascript (ES6), Express, PostgreSQL, React, Redux, CSS   Website
- Ensured a user-friendly onboarding process by integrating Google OAuth2 for login. Strengthened app security with forced HTTPS redirection, CSRF protection, and password hashing.
- Implemented CRUD with REST-API for login, cart management, order placement, and reviews. The combination of Sequelize, React, Redux and AWS S3-bucket ensured a smooth user experience and enhanced product presentation..
- Developed an efficient, scalable relational database schema for optimal performance.

EDUCATION

Web Development - *App Academy   2022*
Conquered a challenging 1000-hour software engineering bootcamp with a <3% acceptance rate.
BA, Chinese Literature - *National Chengchi University   2011*