Anthony LEUNG

Full-Stack Developer / Senior Software Engineer

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Technically skilled Project Manager / Software Engineer with extensive Software Development Life Cycle (SDLC) expertise and hands-on experience in Agile methodologies. Delivering high-performance, scalable, and stable products while championing cutting-edge development practices and deployment via Continuous Integration (CI) / Development (CD) pipelines. Harnessed analytical qualities to resolve complex technical issues while optimising solution functionality, stability, and scalability. Skilled in implementing high-quality design best practices, recommending frameworks and architectural / code design patterns. Recognised for ambition, independent thinking, and open-minded curiosity, seeking opportunities in software engineering to my next career part.

// CORE COMPETENCIES

Team Collaboration ▪ Problem Solving ▪ Object-Oriented Concepts ▪ DevOps Standards ▪ Requirements Elicitation
Full-Stack Development ▪ Project Management ▪ Solutions Design, Testing, and Implementation
Interpersonal Communication ▪ Technical Troubleshooting ▪ Data Analysis ▪ CI/CD Pipelines

// PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

Reep Labs | Hong Kong (Remote)
Frontend Engineer

somis.xyz | app.releap.xyz
12.2022-10.2023

Played key role facilitating frontend development projects within this close-knit web3 company.

- Development of a web3 marketplace application and web3 social network application.
- Engaged and consulted with Backend Developer about system architecture decisions.
- Gathered and distilled application insights to support User Experience (UX) design improvements.
- Optimised Search Engine Optimisation (SEO) and UX by redeveloping and maintaining a marketplace web application using Next.js and SSR.
- Minimised application development costs having advised on deployment of AWS Amplify.
- Help to improve the smart contract (SUI/ETH) to achieve our business goals.

SPACESHIP | Hong Kong
Project Manager / Software Engineer

spaceshipapp.com
03.2019-09.2022

Appointed as one of the company's original members of staff; engaged with Business Owner Core Developer for this one-stop courier service booking platform. Utilised experience as a technology evangelist to guide project decision-makers on software architecture improvements. Captured requirements while creatively resolving technology gaps, culminating in the introduction of product features (including logistics e-commerce system). Facilitated all aspects of backend/system development, including database schema design, while acting as key conduit between commercial and technical stakeholders during product start-up, launch and development.

Key achievements

- Championed a focus on stability and performance, including analysis and optimisation, code improvement and defect resolution to improve User Experience (UX).
- Consulted at all levels to identify solution requirements while promoting designs to minimise and mitigate technical debt during rapid early-stage development.
- Facilitated Scrum events, such as sprint planning/review, demos, sprint retrospective and product backlog refinement.
- Called upon expertise in technology platforms/stacks to build solution architecture aligned with Agile methodologies.
- Proactively reviewed and reported on software code to maintain product quality and suggest improvements.
- Played key role in the development of microservice architecture during a period of business scaling.
- Developed e-commerce/warehouse systems while overseeing API integration/docking.
- Engaged with Designers to create a waybill query iOS App using SwiftUI.
- Collaborated with a multidisciplinary team to drive system modularisation.

Senior Developer - Chatout | https://chatout.app

- Played key role during this sub-project using a bespoke keyboard app and instant messaging software to provide a platform for social network e-commerce users to improve transaction flow.

YOHO HONG KONG LIMITED | Hong Kong
Senior Web Developer   **02.2017-03.2019**

Appointed as first technical team member to develop and maintain a cutting-edge e-commerce platform, including ERP/POS/VIP systems.

Key achievements

- Reduced system load and increased server performance having identified and resolved N+1 performance issues in Object Relational Mapping (ORM); improved report query and introduced CDN (Cloudflare), underpinned by performance and availability monitoring tools.
- Identified and implemented solutions to optimise website speed, security and performance while driving footfall through high-impact Search Engine Optimisation (SEO) strategies.
- Proactively advised on website improvements to drive traffic, including contributions to digital marketing and promotional campaigns.
- Led requirements management and business case development alongside data analysis and reporting.
- Improved existing system architecture from legacy technology to MVC architecture.
- Enhanced UX having re-architected and refactored front-end frameworks.
- Project-managed system migration from a single server to GCP.

MORUS | Hong Kong
Programmer Analyst (Junior Developer)   **10.2015-10.2016**

- Oversaw development of multiple web apps for this web design company. Utilised Symfony (Sylius) and MySQL to build and deploy an e-commerce system. Gained exposure to management of multiple WordPress CMS projects while using Swift and Java to write native apps.

// **ONGOING FREELANCE ACHIEVEMENTS**

Consult with clients to revamp/maintain legacy systems/APPs while aligning technology with business needs.

- Instrumental in reducing technology maintenance costs within a retail company in Hong Kong by refactoring native app; analysed Object C / Java legacy code and revamped architecture using React Native.
- Developed client's micro-service using NestJS to support a point conversion system interfacing with bank APIs.
- Advised educational institutions on use of SpringBoot to refactor/redesign/simplify systems.
- Created a crypto trading algorithm using Python, NestJS, ByBit and Binance API.

// **EDUCATION AND QUALIFICATIONS**

NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY | Taiwan
Bachelor's Computer Science and Information Engineering   **2011-2015**

// **TECHNICAL SKILLS**

Cloud and Serverless Computing: Amazon Web Services (AWS) Lambda ▪ Netlify ▪ Google Cloud Platform (GCP) ▪ Firebase
Web Development Frameworks: NestJS ▪ NextJS ▪ StrapiJS, ▪ NodeJS ▪ ReactJS
Database Management: MySQL ▪ PostgreSQL ▪ DynamoDB ▪ Firestore
Mobile Development Frameworks: SwiftUI ▪ React Native
Continuous Deployment: ArgoCD
Analytics: Mixpanel ▪ Google Analytics
Testing and Deployment: Docker
PHP Frameworks: Laravel
Crypto: ByBit ▪ Binance API ▪ Move ▪ Solidity