

John Goh Rengwu

Senior Frontend Engineer, UX Designer

KL, Malaysia

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Frontend specialist with 6 years of experience shipping quality web products across fintech, open-source software, and HR industries. Track record of designing user-centric interfaces, architecting scalable code, optimizing production systems, and guiding happy teams.

RELEVANT EXPERIENCE

Alphawave Innovations - Senior Frontend Engineer

May 2024 - Present

Kuala Lumpur, Malaysia

- Led end-to-end frontend development for Merchant and Staff portals for a Malaysian e-wallet provider, shipping the product from inception to production in 8 months. Retained full ownership of code and CI/CD pipeline.
- Made architectural improvements that increased delivery velocity by ~3–4x through better abstractions. Also built internal tools that improved cross-team efficiency and eliminated engineering involvement in non-core work.
- Established and oversaw daily frontend team practices, including codebase architecture, version control guidelines, and code reviews. Actively mentored team members, conducted candidate interviews.

Flanksource - Frontend Engineer & Designer

May 2021 - August 2022

(Remote) Johannesburg, South Africa

- Contributed to frontend development of Canary Checker, an open-source Kubernetes-based health monitoring platform.
- Designed and built a reusable design system and React component library adopted across multiple internal projects.

TDCX - Frontend Developer

May 2020 - May 2021

Kuala Lumpur, Malaysia

- Developed Flash Coach, an internal platform for managing one-on-one coaching sessions and performance tracking.
- Main contributor to the full redesign and frontend overhaul of TDCX's corporate website, delivering within 2 months.

Nixel Tech - Software Engineer and Designer

February 2019 - May 2020

Kuala Lumpur, Malaysia

- Built Dr. Insight, a project-based financial management system for property developers and project contractors, delivering dashboards for cash flow, project health, and performance tracking.
- Developed and maintained high-traffic content platforms (Tantannews, ~500K monthly visitors), ensuring stability and ongoing feature delivery.
- Designed and implemented full-stack web applications using Vue, React, and Laravel, from wireframes to production.

Accendo Technologies - Intern Software Developer

December 2017 - March 2018

Kuala Lumpur, Malaysia

- In charge of a print-friendly enterprise report generation feature used by PETRONAS, Maxis, etc. (~110k employees).
- Contributed frontend features to Ignite, a React-based talent management platform.
- Delivered Vue-based landing pages for a talent management system by IJM Malaysia.

EDUCATION

Monash University - Bachelor of Computer Science, majoring in Advanced Algorithms

February 2016 - May 2019

Petaling Jaya, Malaysia

- Highest-scoring candidate in Advanced Programming (FIT3140) across all Monash campuses globally in S1 2018.
- Grand Champion in MDEC's The Grand Challenge 2018 Hackathon
- Finalist in F-Secure's Inter-Varsity Cyber Security Competition 2019

SKILLS

infrequent/past often/current

