John Goh Rengwu

Senior Front-End Engineer, Designer

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Front-end specialist and designer with 6 years of experience shipping web products spanning fintech, HR tech, and open-source tooling. Track record of architecting scalable systems, designing user-centric interfaces, and optimizing production applications.

RELEVANT EXPERIENCE

Alphawave Innovations - Senior Front-End Engineer

Mid 2024 - Present   Kuala Lumpur, Malaysia

- Led front-end development of Merchant and Staff portals for a local e-wallet provider, shipping the product from inception to production in 8 months. Retained full ownership of code and CI/CD pipeline.
- Defined coding standards and Git workflows, conducted code reviews, and mentored developers.
- Implemented architectural and tooling improvements that increased team delivery velocity by 5 folds.

Flanksource - Front-End Engineer & Designer

Mid 2021 - Late 2022   (Remote) Johannesburg, South Africa

- Front-end implementation for Canary Checker, an open-source Kubernetes-based health check platform.
- Created a design system and React component library for use across internal projects.

TDCX - Front-End Developer

Mid 2020 - Mid 2021   Kuala Lumpur, Malaysia

- Developed for Flash Coach, an internal web-based coaching platform for managing one-on-one coaching sessions and performance tracking.
- Delivered a complete design overhaul of TDCX's website in 2 months.
- Streamlined team operations by automating routine tasks with Python, bash, and cron.

Nixel Tech - Software Engineer and Designer

February 2019 - May 2020   Kuala Lumpur, Malaysia

- Built Dr. Insight, a project-based financial management system using Vue, providing dashboards for project cash flow, health, and performance for property development contractors.
- Development and site maintenance for Tantannews and Mopress, a high-traffic news portal (~500K monthly visitors) and a content creation platform.
- Designed and built web applications using Vue, React, and Laravel, from wireframes to implementation.

Accendo Technologies - Intern Software Developer

December 2017 - March 2018   Kuala Lumpur, Malaysia

- Responsible for a print-friendly report generation feature used by ~100k employees at PETRONAS, Celcom, and Maxis.
- Front-end contributions to Ignite, a talent-management portal built with React.
- 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

typescript	javascript	react	python	vite
git	linux	ci/cd & gitops	astrojs	nextjs
tailwind	svelte	figma	docker	vue
flutter	graphql	websockets		