

# Hans Tanawi

SOFTWARE ENGINEER

## CONTACT

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## TECHNICAL SKILLS

### Programming Languages

HTML, CSS, JavaScript/ Node.js, TypeScript, SQL

### Frameworks & Libraries

React, Vue, Redux, Next.js, TailwindCSS, Express.js, NestJS

### Tools & Platforms

Docker, Git, Visual Studio Code, Figma, Linux, Firebase

## EDUCATION

### ● Bachelor of Engineering Computer Science

Tunghai University  
2017-2021  
📍 Taichung, Taiwan  
GPA: 3.8

### ● Chinese Preparatory Program

NTNU  
2015-2017  
📍 New Taipei City, Taiwan

## PROFESSIONAL EXPERIENCE

### ● FULL-STACK ENGINEER NOVEMBER 2021 - PRESENT

#### LUMINA

📍 Taipei, Taiwan

Lumina is a software and hardware technology company that builds beautifully integrated hardware to make remote work better.

- Develop and maintain Lumina ecommerce landing page with Next.js, React, TypeScript, and Shopify integration.
- Enhance the website performance and conversion rate by implementing AB tests, code splitting, and lazy loading, resulting in 30% increase in pagespeed score.
- Applied a migration process from serverless functions architect to full backend API service, resulting in a 15% performance and reduction in cost.
- Architect and develop backend REST API with Node.js, NestJS, and PostgreSQL and write unit and integration tests using Jest and Supertest to maintain code assurance and cover main usage scenarios.

### ● FRONT-END ENGINEER MAY 2020 - NOVEMBER 2021

#### MOLTEO

📍 Schleswig, Germany - Remote

Molteo is a digital workspace, which provides real-time overview of projects and construction sites, flexible resource capturing, and paperless billing.

- Developed and maintained modern, performant, and robust code of Molteo web application with Vue.js, Vuex, Vuetify, and wrote end-to-end tests to cover main usage scenarios and code assurance.
- Applied a migration process on frontend codebase from JavaScript to TypeScript to enhance code quality and improve performance, leading to a 20% reduction in bugs.
- Collaborated with backend team to develop backend services APIs with Feathers.js, TypeScript, and PostgreSQL and maintained seamless frontend to backend integration.
- Implemented new interface design from Figma to code and redesigned main components to improve overall user experience.

## LANGUAGES

- Chinese - Professional Working
- English - Full Professional
- Indonesian - Native