

# NGUYEN QUANG HUY

MIDDLE FULLSTACK DEVELOPER



## CONTACT

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## TECHNICAL SKILLS

- Languages: **JavaScript (ES6+), TypeScript, HTML5, CSS3/SCSS.**
- Frameworks: **ReactJS (Strongest), Next.js, Vue.js, Angular.**
- State Management: **Redux (Toolkit, Saga), Vuex, NgRx, TanStack Query.**
- UI Libraries: **Ant Design, Material UI (MUI), Bootstrap, Tailwind CSS.**
- Databases & ORM: **Prisma Client.**
- Tools & Others: **Git, RESTful APIs, Webpack, Figma (Basic), AI Tools (Cursor, Gemini).**



## PROFILE

Middle Fullstack Developer with 4+ years of professional experience, transitioning from a strong Frontend background (ReactJS, Vue.js, Angular) to robust Backend development with Node.js and NestJS. Proven track record in building scalable e-commerce applications, migrating legacy systems, and optimizing UI performance. Proficient in modern state management (Redux, Vuex) and leveraging AI tools (Cursor, Copilot, Claude) to accelerate development workflows and ensure code quality.

## WORK EXPERIENCE



**Full-Stack Developer IVC (ISB Vietnam)** | **05/2022 - Present**

### Project: KPI Management

03/2026 - NOW

- Developed an internal KPI management system using Vue 3, Vite, TypeScript, Pinia, and Tailwind CSS for the frontend.
- Implemented backend services with Spring Boot 3, Java 21, MyBatis, and PostgreSQL.
- Designed REST API endpoints and role-based access control for GM, PM, Leader, and Member.
- Integrated authentication with JWT and secure data handling using HashiCorp Vault.
- Built local development and deployment workflow with Docker Compose, including PostgreSQL, Redis, Vault, and pgAdmin.
- Managed API logic, data mapping, and SQL queries through a structured service/controller/mapper architecture

### Project: FaceDB

01/2026 - 03/2026

- Built a real-time web-based camera application using ReactJS and Material UI (MUI) for seamless document scanning and processing.
- Integrated Google MediaPipe to implement real-time liveness detection and document boundary tracking directly in the browser.
- Architected high-performance state management using Jotai (Atom-based state) libraries to efficiently handle high-frequency data updates from camera streams without rendering bottlenecks.
- Engineered robust RESTful APIs utilizing NestJS and Node.js to handle the processing and persistence of OCR-extracted ID card data.
- Tech Stack: ReactJS, Material UI (MUI), Atom (Jotai/Recoil), Google MediaPipe, OCR, Node.js, NestJS.

## LANGUAGES

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- English: Professional Working Proficiency (Capable of reading technical documentation, writing clean code comments, and communicating effectively in daily stand-ups).

### Project: TAKEX

01/2025 - 12/2025

- Developed a responsive web application using Vue.js framework to manage modular data flows.
- Implemented complex screen logic and UI interactions using Vue components, computed properties, and watchers.
- Managed application state and component communication using Vuex.
- Optimized form inputs and dynamic rendering using custom directives.
- Tech Stack: Vue.js, Vuex, JavaScript, HTML5, CSS3, Vue CLI.

### Project: NEOHOPS (Legacy Migration)

06/2024 - 01/2025

- Analyzed and migrated a legacy Visual Basic (VB) system into a modern web-based application using Angular.
- Implemented business logic and reusable UI components with TypeScript.
- Wrote comprehensive unit tests using Jasmine and Karma to ensure system reliability.
- Collaborated with the backend team for API integration and handled data streams using RxJS.
- Tech Stack: Angular, TypeScript, RxJS, SCSS, Jasmine, Karma.

### Project : Fujia Banking (E-commerce)

05/2022 - 06/2024

- Built a multifunctional e-commerce web application using ReactJS, focusing on complex ordering systems and dynamic forms.
- Architected global state management using Redux to maintain UI consistency across user roles.
- Handled asynchronous side effects and complex API integrations using Redux Saga Middleware.
- Optimized component rendering and lifecycle management to improve application performance.
- Tech Stack: ReactJS, Redux (Saga), JavaScript, Next.js, Axios.

### The New Tech

06/2021 - 04/2022

#### Project: CRM System

- CRM System (The New Tech): Developed a dashboard for user management and reporting using ReactJS, TypeScript, and Next.js.
- Pharmacy & Popeyes E-commerce: Built admin interfaces for managing products, brands, categories, and order tracking using ReactJS and SCSS.
- Logistics Dashboard: Created statistical charts and order creation modules using ReactJS and Ant Design.



## PERSONAL PROJECT



### CRM - Dashboard

- Architected and developed responsive dashboard interfaces featuring multiple complex layouts. Handled dynamic routing, state management, and real-time user interactions using ReactJS and TypeScript.
- Project : <https://my-workroom-dashboard.vercel.app/dashboard>



### Movie Film

- Implemented secure user authentication (Login/Logout) utilizing NextAuth.
- Built API routes with Next.js and managed database interactions efficiently using Prisma Client.
- Use clientApi of NextJS
- Project URL: [https://github.com/huy1231a/Movie\\_Film](https://github.com/huy1231a/Movie_Film)



### Akademi Dashboard

- 7 layout and any events base .
- Project URL: <https://github.com/huy1231a/Akademi>



## EDUCATION

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Ho Chi Minh City University of Technology

GPA: 3.8 / 4.0

2018 - 2022