CHE QUANG HUY

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Software Engineer

SUMMARY

Software Engineer with 3.5 years of experience specializing in full-stack development. Skilled in ReactJS, NextJS, NestJS, Golang, and Web3, with a proven track record of building scalable, high performance systems. Passionate about learning new technologies and applying best practices to deliver impactful solutions.

EDUCATION

Ho Chi Minh City University of Technology - HCMUT, Ho Chi Minh.   **2018 – 2023**
Major: *Computer Science*
Level: *Middle*
Foreign Languages: *Toeic 550*

TECHNICAL & SKILLS

Front-end: Web3, ReactJS, NextJS, Vite, React Query - Tanstack, TypeScript, Redux, Zustand, Tailwind, Bootstrap, HTML5, CSS/SCSS, . . .

Back-end: NodeJS, NestJS, Golang, GraphQL, JWT, OAuth2, MySQL, PostgreSQL, Oracle, MongoDB, Redis, RabbitMQ, . . .

DevOps & Tools: GitHub, GitLab, CI/CD, Docker, Nginx, DigitalOcean, Cloudflare, . . .

Design & Others: Responsive Design, SEO, API Design, Database Design, Jira, Notion, Teamwork, Communication, . . .

EXPERIENCE

Mirai Labs.   **Mar 2024 - Present**
Middle Software Engineer   *Ho Chi Minh City*

- **Project:** Remoty Tauri App, Marketplace Petopia Games, Marketplace Pegaxy Games, Operator Mirai App *(internal)*, Mirai Telegram Wallet, Play To Whitelist Web for Merge Pals Games,. . . *(tap to view live)*

- **Technologies:** ReactJS, Vite, NextJS, ThirdWeb, JWT, Blockchain, Tauri, Rust,. . .

- **Responsibilities:**

    * Built a decentralized NFT marketplace enabling users to buy, sell, and auction digital assets with seamless Web3 wallet integration (MetaMask, WalletConnect,. . .).
    * Developed an operator dashboard for the Mirai App (similar to Binance), empowering admins to manage listings, users, and transactions efficiently.
    * Enhanced visibility and traffic for Web3 products through advanced SEO strategies.
    * Integrated ThirdWeb SDK and smart contract interactions to enable blockchain functionalities such as minting, transferring, and auctioning NFTs.
    * Implemented secure authentication using JWT and blockchain-based tokens.
    * Developed a cross-platform desktop application with Tauri (Rust + React) for timekeeping and task management.

- ∗ Incorporated AI-driven analytics to evaluate employee productivity from screen activity recordings.
- ∗ Contributed to Web3 adoption by bridging traditional web solutions with decentralized technologies.

Data and Information Technology Center of HCMUT.   **Aug 2022 – Mar 2024**
Junior Software Engineer   *Ho Chi Minh City*

- **Project:** Quality Assurance System.
- **Technologies:** ReactJS, ExpressJS, Oracle, Redis, RabbitMQ,. . .
- **Responsibilities:**
    - ∗ The system for OISP to manage surveys, statistics data, and ISO goals for more than 100 OISP staff and all HCMUT lecturers and students.
    - ∗ Developed and maintained a quality assurance system for the Office for International Study Programs (OISP), supporting academic operations at Ho Chi Minh City University of Technology.
    - ∗ Collaborated with cross-functional teams — including designers, product managers, and developers — to deliver high-quality, user-focused web applications.
    - ∗ Analyzed and clarified business requirements with stakeholders, and proposed scalable solutions for system deployment.
    - ∗ Diagnosed and resolved system issues, while continuously optimizing performance and reliability during production.

FPT Software.   **May 2022 – Aug 2022**
Intern Back-end Developer   *Ho Chi Minh City*

- **Project:** Human Resource Management Software.
- **Technologies:** Java SpringBoot.
- **Responsibilities:**
    - ∗ Gained hands-on experience with Java and the Spring Boot framework.
    - ∗ Designed and implemented RESTful microservices APIs for a human resource management system.
    - ∗ Collaborated with senior developers in code reviews to improve code quality and follow best practices.
    - ∗ Prepared technical documentation and feature reports to support product development.

PERSONAL & FREELANCE PROJECTS

TransMaster Web   **Aug 2024**

- **Project:** Practice real-world questions and get instant feedback with AI.
- **Technologies:** NextJS, Golang, MongoDB, CI/CD, Docker, DigitalOcean, Nginx, Gemini Agent, OAuth2,. . .
- **Live Project:** www.transmaster.site
- **Responsibilities:**
    - ∗ Built a web-based platform that helps users practice translating Vietnamese to English with real-time corrections on grammar, vocabulary, and syntax.
    - ∗ Integrated AI-powered feedback to suggest natural expressions and improve sentence fluency.
    - ∗ Designed a personalized learning path with progressive challenges to ensure steady improvement.
    - ∗ Provided diverse, real-world topics (daily life, travel, work, culture) to keep practice engaging and practical.