

KHANG NGUYEN HOANG

Web developer

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SUMMARY

I have six months of experience as a Web Developer, with a interest in exploring AI, automation, vibe coding, and new technologies to apply into real-world projects. I enjoy working in a collaborative environment and continuously improving my technical and problem-solving skills.

TECHNICAL SKILLS

- HTML5, CSS3, JavaScript (ES6+), React, Next.js
- Node.js, Express.js, NestJS, Flutter
- MySQL, PostgreSQL, MongoDB

OTHER SKILLS

- Basic understand of Docker usage.
- Understand Microservices architecture.
- Proficient in use Git for version control.

WORK EXPERIENCE



FullStack Developer at **RYNAN Technologies VIETNAM**
07/2025 - Present

Rubber Schedule Management Platform | RYNAN Technologies VIETNAM 10/2025 - 01/2026
Teamsize: 5 (1 PM, 1 Fullstack, 2 BE Developer, 1 FE Developer)

Rubber Schedule Management Platform is an internal web platform for Rubber VRG Dong Nai that manages and digitizes rubber production schedules, improving monitoring and optimizing operational workflows.

Technologies: ReactJS, Flutter, Ant-design, NodeJS, Express, MySQL, Socket.io, Axios with RESTful API

Responsibilities:

- Develop API authentication features, including login, logout, password recovery, and two-factor authentication.
- Design and implement API authorization using role-based access control (RBAC), defining permissions by modules and actions to control user access and dynamically render the UI based on assigned roles.
- Develop modules for product tracking, pallet weight management, and daily operations management.
- Implement Word file import/export and QR code tracking features.
- Connect the API backend with the mobile UI using Flutter based on the MVVM architectural pattern.
- Support offline mode for the mobile app with data synchronization when internet connection is unavailable.

Sadec Tourism | RYNAN Technologies VIETNAM 08/2025 - 12/2025
Teamsize: 6 (1 PM, 1 Fullstack, 2 FE Developer, 2 BE Developer)

Developed the Sa Dec Tourism platform to support the Flower Festival held in Sa Dec, Dong Thap. The project promotes local tourism, showcases traditional flower villages, and provides information to help visitors explore, take photos, and experience the festival.

Technologies: NextJS, NestJS, Flutter, MySQL

Responsibilities:

- Improve system security by add Base64 encryption for login data and masking sensitive fields in audit logs.
- Manage user access and sessions, including IP whitelist for the admin panel and auto logout for inactive users.
- Monitor system errors by sending email alerts when the API server returns a 500 error.

VDAPES Application | RYNAN Technologies VIETNAM 1/2026 - Present
Teamsize: 4 (1 PM, 1 Fullstack, 2 FE Developer)

VDAPES application is support data collection, monitoring, and management of farming activities in the Mekong Delta, including mapping, field surveys, environmental tracking, and disease monitoring.

Technologies: Flutter (Riverpod)

Responsibilities:

- Develop and visualize dynamic agricultural maps including water monitoring, temperature heatmaps, insect distribution, and Windy weather data integration.
- Develop and support AI-based crop disease detection using image processing to enable early diagnosis and improve farming decisions.

Airline Booking | Intern Remote CLOUD AIR SOLUTION, HO CHI MINH CITY

01/2025 - 03/2025

Team size: 4 (1 PM, 1 BE Developer, 2 FE Developer)

Developed an Airline Reservation System that allows customers to book tickets online, check seat availability, view flight arrival details, choose their preferred class, and reserve seats for both national and international flights.

Technologies: React.js, SpringBoot, MySQL, Redux toolkit manager state, RTK query

Responsibilities:

- Integrate the frontend application with backend services through RESTful APIs.
- Manage application state and API communication using Redux Toolkit and RTK Query.
- Implement efficient state management and data fetching mechanisms using Redux and RTK Query.

Website Freelance Marketplace | Personal Projects

10/2024 - 01/2025

A platform connecting freelancers and clients, offering service discovery tools, secure payment processing, real-time communication, and review systems to support transparent and professional collaboration.

Technologies:

- Front-end: React, TypeScript, Tailwind CSS
- Back-end: Node.js, RabbitMQ, MySQL, MongoDB, PostgreSQL, Docker

Responsibilities:

- Develop authentication features in the Auth Service, including user sign-up, sign-in, email verification, OTP verification, password management, refresh token handling, current user retrieval, and user search.
- Develop user profile management in the User Service for customers and freelancers, including profile creation and profile updates.
- Develop real-time chat functionality for communication between customers and freelancers using Socket.io, including message creation, conversation management, and file uploads (images, documents, and ZIP files).
- Integrate Stripe for payment processing and develop order management APIs, including payment intent generation, order creation, service fee handling, order status updates, and notification delivery.
- Implement a review and rating system for the marketplace, allowing customers to leave feedback and ratings for freelancers and their services.
- Set up the Notification Service to send email notifications for system events such as order updates, account verification, OTP delivery, and password resets.

EDUCATION

Tra Vinh University

2021 - 2025

Information Technologies, GPA 2.99/4.0

CERTIFICATE

B1

04/2025