

Ngô Hải Văn

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PROFESSIONAL SUMMARY

Software Developer with **3+ years** of experience in:

- **Full-Stack Web Development** (ReactJS, Next.js, Flask, Node.js)
- **Hybrid Mobile App** (Flutter, React Native)
- **Payment Solution Engineering (Way4)**
- Building business applications at scale

Strong collaboration with business/QA/Infra teams, English **basic communication**, comfortable working with international stakeholders.

EDUCATION

Hanoi University of Science and Technology

10/2020 - 7/2024

Major: Computer Science

Graduation Grade: Very good

SKILLS

Key Technical Skills

- Mobile Development: Flutter, React Native, Java (Android Native)
- Frontend: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, TailwindCSS
- Backend: Node.js (Express.js, NestJS), Flask (Python), RESTful API, GraphQL
- Database: Oracle, MySQL, Redis (caching & session)
- DevOps & Deployment: Docker, Linux (Ubuntu), Nginx, GitHub Actions CI/CD
- Cloud & Services: Firebase(Auth, Firestore, FCM), VPS deployment, AWS basics, Realtime Communication(WebSocket/Socket.IO)

Soft Skills

- Able to read and understand technical documents in English
- Strong collaboration and communication skills; proactive problem-solving
- Strong **end-to-end product thinking** with a full-stack mindset
- Clean coding practices and **performance-driven optimization** abilities

WORK EXPERIENCE

Onehousing

2/2025 - Present

Full-Stack Web Developer & Hybrid Mobile App Developer

EPOSO AI

11/2024 - 2/2025

FullStack Developer (Remote)

OpenWay Vietnam

7/2024 - 11/2024

Associate Implementation Engineer

OpenWay Vietnam

10/2022 - 7/2024

Frontend Web Developer & Hybrid Mobile App Developer

PROJECTS

HRM & Work Management + AI Callbot System

2/2025 - Present

Full-Stack Developer

Project Summary:

- All-in-one digital transformation system for internal employees:
- HRM (staff, roles, payroll basic)
- Work/task management, workflow
- AI callbot outbound — including call logs & status tracking
- Mobile app for employees (check-in, update tasks)

Main Contributions:

- Designed backend REST API (Flask) with authentication & RBAC
- Implemented **real-time updates** using WebSocket
- Built web dashboard using Next.js (SSR, fast rendering)
- Developed Flutter mobile app (Provider/Riverpod)
- Automated build/deploy with Docker + GitHub Actions
- Setup monitoring/log for production system on Linux VPS

Automotive Service Platform

5/2025 - Present

Mobile App Developer (Flutter)

Tech Stack: Flutter (Clean Architecture, Provider), Firebase(Cloud store & FCM), Fastlane, GitHub Actions, REST API

Project Overview:

A platform connecting **car owners** with **local garages** for booking repairs, maintenance services, and managing vehicle history. The system includes:

- **Mobile app** for vehicle owners & garage (Flutter)
- **Garage management web portal** (backend + admin)
- **Realtime service tracking** (job progress, quotation updates)

Key Responsibilities & Contributions:

Designed mobile architecture using **Clean Architecture + Riverpod** to ensure scalability and maintainability

Built core modules:

- Service booking workflow & quotation requests
- Notifications for schedule & progress changes
- Integrated **REST API** for user, vehicle & order data synchronization
- Integrated **Firebase Cloud Messaging** for cross-platform push notifications
- Developed custom UI with responsive layout for multiple screen sizes
- App performance optimized to reduce load time and smooth navigation
- Designed deployment workflow: Automated testing (CI) and release pipelines (CD) for Flutter apps using GitHub Actions and Fastlane on both Android & iOS.

Achievements:

- Mobile UI polished for Vietnamese users
- Modularized architecture for maintainability & future scaling

Energy Simulator

11/2024 - 1/2025

Full-Stack Developer

Tech Stack: Next.js, Tailwind CSS, Redux Toolkit, Nest.js, MySQL, Docker, GitHub, REST API

Project Overview:

A web-based tool that helps users analyze **energy efficiency**, expected **cost savings**, and **payback period** when switching to new air conditioner models. Used by sales teams and end-customers to support purchasing decisions with data-driven insights.

Key Responsibilities & Contributions:

- Developed responsive and interactive UI using **Next.js + Tailwind CSS**
- Implemented real-time energy performance calculation UI based on backend formulas

- Integrated **REST API** with backend Nest.js services for data input and reporting
- Designed pages to work smoothly across both desktop and mobile layouts
- State management using **Redux Toolkit** to maintain user inputs, device specs and comparison results
- Collaborated remotely with backend team and product owner to refine user flows and UX
- Packaged app using **Docker** for production deployment and consistent environment setup

Highlighted Features:

- Cost efficiency visualization (monthly energy usage, energy labels)
- Payback period estimation based on real consumption & pricing
- Comparison between multiple AC models
- Multi-device UI experience optimized for sales usage scenarios

Way4 ATM Payment Integration – Banking Platform

7/2024 - 11/2024

Associate Implementation Engineer

Tech Stack: Way4 platform, Oracle, PL/SQL, Log Tracing Tools

Project Summary:

- Integrated & configured ATM transaction flows:
- Withdraw, balance inquiry, fund transfer
- ISO-like routing between Core Banking ↔ Way4
- Setup Test → UAT → Production environments

Main Contributions:

- Troubleshoot & trace financial transaction logs
- Validate compliance with banking rules & workflows
- Work with banking Ops/BA teams to resolve production defects
- Produced operation & deployment documents

Achievements:

- Reduced time to isolate ATM transaction errors by **≈45%** via improved log mapping

Banking App & Admin Portal

10/2022 - 4/2024

FE & Mobile Developer

Tech Stack: React, React Native, Flutter, Next.js (v2), GraphQL

Project Summary:

- Developed **banking mobile app** and **admin portal** for payment operations:
- Card management UI
- Transaction history
- Role-based admin configuration
- User identity screens for security

Main Contributions:

- Frontend development using React & React Native
- Built cross-platform app UI with Flutter for faster prototype delivery
- Worked closely with backend + QA to optimize API usage
- Implemented reusable UI components improving consistency
- Improved performance by eliminating unnecessary re-renders