

Nguyen Hoang Viet

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github.com/NHViet03

Passionate **Software Developer** with expertise in **front-end and back-end development** using **JavaScript, React, React Native, Node.js, and SQL**. Demonstrated ability to contribute to cutting-edge projects and deliver impactful results.

SKILLS

Programming Languages: JavaScript, Python, Java

Framework/Platforms:

- React, React Native, Redux
- NodeJS, ExpressJS, FastAPI
- Bootstrap, Tailwind CSS

Database Management Systems: MS SQL Server, Oracle, MongoDB

Tools: Git, GitHub, VS Code, Visual Studio

Others:

- Good understanding of OOP methodologies, SOLID principles, and design patterns
- Problem-Solving Abilities and Teamwork & Collaboration Abilities

EDUCATION

Bachelor's degree Information Systems

Jan 2021 - Dec 2025

University of Information Technology - VNUHCM

GPA: 8.63/10

Achievements:

- Academic scholarships 2024 from the University of Information Technology - VNUHCM

PROJECTS

Web Social Network with Link Prediction Model (2 members) [↗](#)

Oct 2023 - May 2024

- Developed a social network web application with CRUD for posts and users, real-time notifications, messaging, calling, follower suggestions using graph theory & link prediction algorithms, and an admin dashboard for content management.
- **Technologies Used:** React, Redux, Bootstrap, NodeJS, ExpressJS, Socket.IO, MongoDB, FastAPI, NetworkX
- **Responsibilities:**
 - Handled Authentication & Authorization with JWT
 - Designed interfaces and developed backend RESTful API for CRUD for posts
 - Managed real-time notifications
 - Implemented link prediction algorithms: Adamic-Adar, Katz Index
 - Designed interfaces and developed backend for the Admin page

Web Airline Ticket Management (5 members) [↗](#)

Feb 2024 - May 2024

- Developed a comprehensive airline ticket management system with a dashboard, CRUD operations for airports, flight schedules, flight search, booking management, tracking, and reporting with statistical charts.
- **Technologies Used:** React, Bootstrap, ASP.NET Web API, SQL Server
- **Responsibilities:**
 - Team Lead Frontend: Responsible for task delegation and merging frontend code.
 - Designed interfaces and called APIs for the dashboard, CRUD for airport, flight, flight search, and booking management and tracking.

Mobile App Social Network (2 members) [↗](#)

Nov 2023 - Jan 2024

- Developed a mobile social network app featuring CRUD operations for posts and users, real-time notifications, messaging, and active status indicators.
- **Technologies Used:** React Native, React, Expo Router, Redux, TailwindCSS, NodeJS, ExpressJS, Socket.IO, MongoDB
- **Responsibilities:**
 - Handled Authentication & Authorization with JWT.
 - Designed the home page interface.
 - Designed interfaces and handled backend RESTful API for user search, follow, and profile functionalities.
 - Managed real-time messaging with Socket.IO.

LANGUAGES

English (ToEIC LR 495)

CERTIFICATIONS

Front End Development Libraries [↗](#) by freeCodeCamp

Sep 2023

JavaScript Algorithms and Data Structures [↗](#) by freeCodeCamp

Aug 2023