Nguyễn Hoàng Việt

work.hoangviet03@gmail.com • +84848044723 • linkedin.com/in/hviet03
github.com/NHViet03 • nhviet03.github.io/portfolio

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

SKILLS

Programming Languages: JavaScript, Python, Java

Framework/Platforms:
- Frontend: React, React Native, Redux, Bootstrap, Tailwind CSS
- Backend: NodeJS, ExpressJS, FastAPI

Database Management Systems: MS SQL Server, Oracle, MongoDB

Tools: Git, GitHub, VS Code, Visual Studio, Figma

Others:
- Good understanding of OOP methodologies, SOLID principles, and design patterns
- Basic knowledge of data analysis, data warehouse, visualization, and some Machine Learning algorithms using Python (NumPy, Pandas, Matplotlib, PySpark, etc.)
- Experience working with Windows and Ubuntu operating systems
- Problem-Solving Abilities and Teamwork & Collaboration Abilities

EDUCATION

Major in Information Systems   **Jan 2021 - Present**
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 REST 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 REST 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**