Nguyễn Hồng Hiệp

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Detail-oriented Fullstack Engineer with a strong foundation in front-end and back-end technologies. Proficient in JavaScript, React, Node.js, and SQL. Eager to contribute to dynamic development projects.

EDUCATION

Information System   **Oct 2022 - Present**
University of Information Technology - UIT   **GPA:** 8.5
Studied various practical and theoretical subjects in software development, including Web Programming with PHP, Laravel, HTML, CSS, and JavaScript (average score: 9.8/10), and Java Development using both Spring Boot and Java Swing (average score: 9.6/10). Also completed coursework in DevOps, gaining hands-on experience with continuous integration and continuous delivery (CI/CD), containerization using Docker, infrastructure automation, version control with Git, and deployment pipelines using modern tools and cloud platforms.

WORK EXPERIENCE

Software Engineer Frontend   **Sep 2025 - Present**
Shopback   **HCM**
- Developed and implemented **new user interface components and features** for the ShopBack website, ensuring a seamless and responsive user experience across devices.
- Utilized **Next.js** to optimize page performance and improve **rendering speed**, applying techniques such as Server Components, dynamic imports, and code splitting to reduce bundle size and enhance loading time.
- Applied **clean code principles** (SOLID, DRY, KISS, and separation of concerns) to maintain readability, scalability, and long-term maintainability of the codebase.
- Collaborated closely with cross-functional teams (backend, product, and design) to translate business requirements into high-quality, user-centric features.
- Conducted **performance optimization and refactoring**, including caching strategies, lazy loading, and improving Core Web Vitals metrics (LCP, CLS, TTFB).
- Participated in **code reviews**, followed best practices in Git workflow, and contributed to improving team coding standards.

Software Engineer Intern   **Apr 2025 - Aug 2025**
Golden Owl Solutions   **HCM**
- Independently developed a comprehensive **work shift management system** for the company under the supervision of a senior mentor to streamline scheduling, staff coordination, and shift tracking.
- Built the **backend** with **Laravel**, implementing RESTful APIs, authentication, and core business logic for managing shifts and users.
- Developed a responsive **frontend** using **React.js**, applying clean component structures to deliver a smooth experience for administrators and staff.
- Implemented **CI/CD pipelines** using **GitHub Actions**, containerized the application with **Docker Compose**, and deployed on **AWS** (EC2, RDS, ECR, S3, CloudFront) to ensure reliability and scalability.
- Followed **clean code principles** and participated in regular **code reviews** with a senior mentor to maintain code quality and architectural consistency.

SKILLS

Web Application Development: Node.js, Next.js, PHP, JavaScript, Java, React, HTML, CSS, RESTful APIs

Cloud & Deployment Skills: Docker, AWS services including EC2, RDS, S3, and Route 53, CI/CD

Database: MySQL, MongoDB, Distributed Databases concepts

Version Control: Git, GitHub

UI/UX Design: Figma, Wireframing, Prototyping, Responsive Design

CERTIFICATIONS

AWS Certified Solutions Architect – Associate by **AWS**   **May 2025**

AWARDS

Academic Encouragement Scholarship by **UIT**   **May 2025**
Semester 1 – 2024, awarded for outstanding academic performance with a GPA of 9.16/10.

LANGUAGES

English, Native proficiency, 830 TOEIC

PROJECTS

ThreeTee: 3D Custom Products ⧉   **Sep 2024 - Present**

In online custom 3D products project, I am responsible for the entire frontend, utilizing Three.js to enable customers to upload images onto 3D models. I optimized 3D files for performance and created visual statistical charts for data representation. To manage application state efficiently and enhance API call performance, I implemented Redux. Additionally, I support team members in developing backend functionality, ensuring a cohesive and efficient workflow throughout the project.

FLEN: The English Learning Website ⧉   **Oct 2024 - Nov 2024**

In English learning website project, I independently designed and implemented the database, frontend, and backend, creating a variety of interactive games, like flashcards, to enhance user engagement. I optimized API calls to retrieve images and pronunciation audio, efficiently handling and storing media files. Additionally, I developed a Chrome extension that allows users to save words directly from browser, implementing authentication for secure access. By leveraging useContext, I streamlined API calls and managed authentication, and I also optimized database queries, resulting in a fast, responsive, and scalable platform.

Hotel Booking & Management ⧉   **Aug 2024 - Sep 2024**

In my hotel booking project, I am responsible for designing the database, frontend, and backend using Next.js with NextAuth for authentication and Next UI for a modern user interface. The platform allows users to book rooms based on specific dates and times. Additionally, hotel owners can manage room availability and details. I also implemented API calls to calculate the distance between customers and hotels, enhancing the user experience by providing relevant information for bookings.

MyCar: Car Rental Management System ⧉   **Jan 2024 - May 2024**

In car rental management system, I implemented the entire frontend, includes handling image uploads and creating various statistical charts. The system supports multiple types of filters to enhance user experience and allows for efficient data management. I also handled modals for seamless interactions within the application. Additionally, I managed authentication using cookies to ensure secure user sessions, while providing support for authentication processing on the backend, enhancing the overall security and functionality of the application.