

# Nguyễn Hồng Hiệp

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Dynamic Fullstack Engineering intern with a solid foundation in building interactive web applications. Skilled in React,Laravel,PHP, Node.js, Express, and MongoDB, AWS. Committed to delivering high-quality code.

## 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.

## SKILLS

**Web Application Development:** Proficient in building full-stack web applications using PHP, JavaScript,Java, React, Node.js, Next.js, HTML, and CSS,RESTful APIs.

**Cloud & Deployment Skills:** Experienced with Docker and AWS services including EC2, RDS, S3, and Route 53. Familiar with CI/CD deploying and managing cloud infrastructure.

**Database:** Familiar with MySQL, MongoDB, and Distributed Databases concepts.

**Version Control:** Proficient in using Git for version control and collaborating via GitHub.

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

## WORK EXPERIENCE

### Software Engineer Intern

Apr 2025 - Jul 2025

#### Golden Owl Solutions

HCM

#### Company Project – Work Shift Management System

Laravel · React.js · Docker · AWS · GitHub Actions

Independently developed a **work shift management system** for the company under mentor supervision.

Built the system using **Laravel (backend)** and **React.js (frontend)**, implemented **CI/CD with GitHub Actions**, and deployed using **Docker**

**Compose**. Infrastructure was hosted on **AWS (EC2, RDS, ECR, S3, CloudFront)**.

Followed clean code practices and received regular code reviews from a senior mentor.

## 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**.

## 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.

**Participant:** 4

**Technologies used:** JavaScript, TypeScript, React.js, PHP, Lavarel, MySQL.

### 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.

**Participant:** 1

**Technologies used:** Node.js, JavaScript, TypeScript, React.js, MongoDB.

### 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.

**Participant:** 1

**Technologies used:** Next.js, JavaScript, TypeScript, MySQL.

**Chakaa: The Real-Time Messaging App** 

**Jun 2024 - Aug 2024**

In real-time messaging application project, I implemented messaging functionality using WebSocket for instant communication. I ensured secure authentication for real-time messaging, optimized the speed for sending and receiving messages, and allowed users to create group chats for collaborative conversations. Additionally, I implemented an email confirmation system for password recovery, enhancing the overall user experience and security of the application.

**Participant:** 1

**Technologies used:** Java SpringBoot, JavaScript, React.js, MySQL.

**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.

**Participant:** 4

**Technologies used:** Java SpringBoot, JavaScript, React.js, MySQL.

LANGUAGES

**English (830 TOEIC)** (Native proficiency)