NGUYEN DUONG HOANG LAN

Full-stack Developer

📞 0329219191
@ ndhlan159@gmail.com
🔗 github.com/mmmnic2
🔗 linkedin.com/in/hoanglan1509

SUMMARY

Full-stack developer proficient in Spring Boot and ReactJS. Demonstrated ability to optimize application performance using Redis. Passionate about crafting user-centric and efficient software solutions.

EXPERIENCE

Restaurant Management System

TMA Solutions

📅 04/2024 - 07/2024

Main Role: Intern Fullstack Developer - 5 member

Description:

The restaurant management system is designed to assist customers in managing two business areas:

- Back office: managing inventory, warehouse operations, product management, personnel management, and viewing statistics by month, quarter, and year.
- Storefront: managing table reservations, ordering food, payments, and vouchers.

Responsibilities:

Backend:

- Utilized Redis to implement caching mechanisms, optimizing the application to handle high traffic efficiently.
- Revamping the database design to better support data editing in the existing system.
- Developed and maintained RESTful APIs to facilitate data interaction between the front end and back end.

Frontend:

- Coded layouts and interactive elements using Nextjs to ensure seamless user interaction.
- Integrated front end with backend services, ensuring data is displayed dynamically and updated in real-time.
- Component Optimization: Streamlined component development by prioritizing reusability and reorganizing code structure, resulting in a significant 30% increase in GUI web development.

Technologies:

- Spring Boot, Spring Security, Spring Data JPA, MySQL, Redis.
- NextJS, React Query, Redux, Material UI.
- Git, Gitlab.

SKILLS

Programming Languages

Java JavaScript TypeScript

HTML CSS

Frameworks and Libraries

Spring Boot Spring Security

Spring Data JPA Hibernate

NextJS ReactJS Redux MUI

React Query

Database Management

MySQL MongoDB Redis

SQL Server

CI/CD

Docker

Version Control

Git Gitlab

EDUCATION

INFORMATION TECHNOLOGY

UNIVERSITY OF INFORMATION TECHNOLOGY

GPA
8.84 / 10.0

📅 07/2022 - Present

EXPERIENCE

SOCIAL MEDIA

Individual Project

📅 07/2024 - 08/2024

🔗 https://github.com/mmmnic2/social-media

Description: Build community, share knowledge, stories and connect people online.

Responsibilities:

  Backend:
- **User Management:** Handling user registration, authentication, authorization, and profile management.
- **Content Management:** Storing, retrieving, and managing user-generated content (posts, images, videos, etc.).
- **Social Graph:** Building and maintaining relationships between users, such as followers.
- **Security and Privacy:** Protecting user data and implementing robust security measures.

  Frontend:
- Coded layouts and interactive elements using Nextjs to ensure seamless user interaction.

Technologies:
- Spring Boot, Spring Security, Spring Data JPA, MySQL.
- NextJS, React Query, Redux, Tailwind CSS .

HOTEL MANAGEMENT

Individual Project

📅 02/2023 - 03/2023

🔗 https://github.com/mmmnic2/ManagementHotelApplication

Description: The Hotel Booking Website project aims to provide users with a convenient platform to search for, compare, and book hotel rooms online.

Responsibilities:

  Backend:
- **Guest Management:** Handling guest profiles, reservations, check-ins, check-outs, and payment processing.
- **Room Management:** Managing room inventory, availability, pricing, and assignments.
- **Integration:** Connecting with external systems like payment gateways.

  Frontend:
- **Guest-Facing Features:** Developing booking systems, room selection, payment gateways, and guest profiles.
- **Integration:** Integrating with payment gateways, reservation channels, and other third-party systems.

Technologies:
- Spring Boot, Spring Security, Spring Data JPA, MySQL.
- ReactJS, Axios, React Router Dom, Bootstrap.

EDUCATION

CHEMISTRY TEACHER

HO CHI MINH CITY UNIVERSITY OF EDUCATION

📅 09/2016 - 10/2020

GPA
7.0 / 10.0

LANGUAGES

English

PASSIONS

🎧 **Music**

📖 **Reading Books**

✈️ **Travelling**