LAN NGUYEN

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ⓘ github.com/mmmnic2

🌐 https://my-portfolio-beta-one-90.vercel.app

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.

WORK EXPERIENCE

🕐 04/2024 - 07/2024

Company: TMA Solutions

Position: Intern Fullstack Developer

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.
- **Component Optimization:** Streamlined component development by prioritizing reusability, 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.**
- **Gitlab.**

Outstanding achievements:

Use Redis to handle the problem of distributing vouchers to users

EDUCATION

INFORMATION TECHNOLOGY

UNIVERSITY OF INFORMATION TECHNOLOGY

GPA: 8.86 / 10

📅 07/2022 - 11/2024

SKILLS

Programming Languages
- Java, JavaScript, TypeScript

Frameworks and Libraries
- Spring Boot, Spring Security, Spring Data JPA, Hibernate, ReactJS, NextJS, Redux, MUI, React Query

Database Management
- MySQL, MongoDB, Redis, Microsoft SQL Server

CI/CD
- Docker

Version Control
- Git, Gitlab

INDIVIDUAL PROJECTS

Social Media

https://github.com/mmmnic2/social-media   https://social-media-two-ecru.vercel.app/

Description: Build community, share knowledge, stories and connect people online, chat with your friends.

*Responsibilities***:**
Backend
- User Management: Handling **user registration**, authentication, authorization, and profile management.
- Content Management: Storing, managing user generated content (posts, images, videos, etc.).
- Social Graph: Building and maintaining relationships between users, such as **followers and followings.**
- 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**, **Websocket**.
NextJS, React Query, Redux, Tailwind CSS.

Music Management

https://github.com/mmmnic2/music-manager   https://music-management-gui.vercel.app/

Description: Develop a music platform where users can stream music, save their playlists, and manage their music library with administrative privileges.

Technologies:
Spring Boot, Spring Security, Spring Data JPA, **MySQL**.
NextJS, Tailwind CSS.