Minh Nguyen

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Portfolio Website | GitHub | Linkedin

Skills

Front-End	• HTML • CSS • JavaScript • TypeScript • React • Angular • Redux • Tailwind • Framer Motion
Back-end	• NodeJS • ExpressJS • Python • Java Spring Boot • NextJS • C#(.Net 8)
Database	• MongoDB • PostgreSQL • OracleSQL • Prisma
APIs and Hosting	• GraphQL •RestfulAPI • Apollo • Pothos • Firebase • Heroku • Github Pages • Vercel • Hibernate • Maven • Gradle •JPA
Tech	• Mocha • GIT • Docker • Kubernetes
Language	• English • Vietnamese

Projects

NextJS Ecommerce Website – Personal Project [Website] [Github]

- Designed the overall website concept, layout & deployed with Docker and Kubernetes
- Created a fully responsive home page and admin dashboard to improve sales.
- Implemented the login system to allow CRUD operations, pagination, sorting, filtering, search, authentication, authorization.
- Integrated payment with Stripe, advanced image uploading with Cloudinary and various other features.
- Used: **TypeScript, NextJS, Tailwind, Prisma, PostgreSQL, GraphQL, Apollo, Pothos, Docker and Kubernetes.**

MERN Hotel Booking App – Personal Project [Website] [Github]

- Implemented secure login and registration using HTTP cookies and JWT for enhanced security.
- Handling form inputs, managing state, adding, editing and viewing hotels.
- Integrated image uploads, enhancing the overall user experience and visual appeal.
- Designed and implemented a dynamic home page displaying recently added hotels, enhancing user engagement.
- Implemented a comprehensive feature for users to view and manage their bookings.
- Used: **MongoDB, NodeJS, ExpressJS, React, Stripe, Cloudinary, TypeScript**

Blog Website – Personal Project [Website] [Github]

- I document my journey of learning and mastering trending technologies, exploring data structures, and solving LeetCode problems. With a focus on clarity and simplicity, I aim to explain complex concepts in a way that is accessible to all, including a 5-year-old kid. Who knows 5-year-old kid could be smarter than me. LOL!!!!!!!
- Used: **NextJS and API from microCMS**

Ecommerce with Java – Personal Project [Website] [Github]

- A user-centric rental platform featuring secure registration/login, detailed listings, flexible booking options, and seamless checkout. It prioritizes performance, responsiveness, and user-friendliness for an optimal rental experience.
- Admin/Manager features include a centralized dashboard for reservation management, inventory tracking, and communication tools. Additionally, they can generate reports, manage pricing, and access customer support resources for efficient operations.
- Staff/Employee features include comprehensive reservation management capabilities, real-time availability checks, and efficient processing of cancellations and refunds. They can also access reservation history and customer profiles for personalized service.
- Used: **React, Java Spring Boot, Java Persistence API (JPA), Hibernate, RESTful API Concepts, MVC Architectural Pattern, Spring Security, Testing, Maven, Dependency Injection Heroku and Docker**

Library Management System with .Net 8 and Angular – Personal Project [Website] [Github]

- Authentication System: User would be able to login and create account.
- JWT Authentication: User's data will be stored in tokens in browser.
- Role based Authorization: Some features are only accessible to admin, some can be access by user and admin.
- Manage Books and Categories: Admin and insert/delete books/categories in the Library.
- Blocking / Disabling: Admin can block/unblock or disable/enable any User.
- Fine Calculation: Users can also see their fine, if they don't submit book withing specified time.
- Used: **Angular 17, Material UI, Back-end ASP.NET Core WEB API using .NET 8(C#), Entity Framework Core, ORM for Database Access (DBContext, Migration), SQL server from Google Cloud, Deploy back-end with Google App Engine, Continuous Integration/Continuous Deployment and Dependency Injection in .NET**