Nguyen Huu Quoc Bao

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Work Experience

Dai Duong Consulting & Training Co., Ltd.   Ho Chi Minh city, Vietnam
IT Helpdesk Engineer   June 2024 - October 2024

- Provided technical support and troubleshooting for end-users.
- Managed Active Directory accounts, password resets, and access permissions.
- Installed, configured, and maintained hardware, software, and network systems.
- Monitored system performance and resolved connectivity issues for on-site and remote users.
- Documented common technical issues and solutions to improve internal knowledge base.
- Assisted in IT asset management, ensuring up-to-date inventory tracking.

Projects

WatchStore   *Technologies: Angular, ASP.NET, Microsoft SQL Server*

- Developed a single-page e-commerce application for selling watches using Angular for the frontend and ASP.NET for the backend.
- Implemented RESTful APIs in ASP.NET to handle product management, user authentication, and order processing.
- Used Entity Framework Core Migrations to generate and apply database schema changes on Microsoft SQL Server.
- Integrated JWT authentication for secure user login and access control.
- Implemented VNPay payment gateway.
- Tested and documented RESTful APIs using Swagger, ensuring clear API specifications and ease of integration.

Train Ticket Booking System   *Thymeleaf + Bootstrap, Spring Boot, MySQL*

- Developed a web-based train ticket booking system using Thymeleaf for the frontend and Spring Boot for the backend.
- Implemented RESTful APIs in Spring Boot to manage train schedules, user authentication, and ticket booking.
- Used JPA with Hibernate as the ORM for database interactions in MySQL, following the Code-First approach instead of migrations.
- Integrated JWT authentication for secure user login and role-based access control.
- Implemented VNPay payment gateway.
- Tested RESTful APIs using Postman to ensure functionality and performance

Technical Skills

Strongest Areas: Data Structures, Algorithms

Programming Languages: JavaScript, Java, C#, PHP

Libraries/Frameworks: Angular, React.js, ASP.NET, Laravel, Spring Boot

Databases: Microsoft SQL Server, MySQL, PostgreSQL

Platforms & Tools: AWS, Git, HTML5, CSS3

Education

Saigon University   Ho Chi Minh City, Vietnam
Engineer's Degree in Information Technology   September 2021 - Present
Specialization in Software Engineering