Nguyễn Đăng Khoa

Motivated Full-Stack Developer with a focus on building secure, scalable web applications. Eager to grow in an Agile environment and take on increasing technical responsibilities.

Education

FPT University   02/10/2020 - 07/05/2025

Software Engineering

Work experiences

UX/UI Development Collaborator   16/12/2024 - 03/02/2025

Front-end

Contributed to the front-end development of a web platform that enables businesses to centrally manage **personal Zalo and Facebook accounts** for customer service and sales operations. The system targets departments such as Marketing, Sales, and Customer Support.

Key Features Developed:
- **Passwordless login** via **Zalo QR code** and **Facebook Cookie** authentication
- **Role-based access control** for different departments
- **Message history tracking** by employee, including content, time, and account used (Zalo/Facebook)

BACKEND INTERNSHIP AT VNPT- MEDIA SOFTWARE   06/08/2023 - 28/12/2023

.NET intern

- Participated in developing the **FASTRAIL** system – a train ticket booking website simulating, allowing customers to search schedules, book tickets, and manage personal information.
- Designed the database and implemented business logic using **Entity Framework Core** and **SQL Server**.
- Developed core features: train route search, seat map display, ticket booking, and user authentication.
- Learned and applied teamwork processes using **Git** and basic **Agile/Scrum** methodologies.

🎯 **Outcome**: Successfully completed a demo system with full core functionalities; received positive feedback from mentor for quick learning and ability to develop features independently.

Contact Information

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📍 **Thường Tín, Hà Nội**

Skills

Skills
- **Front- end:** HTML/CSS, JavaScript, Jquery, Boostrap, ReactJS, Tailwind CSS, React MUI, TypeScript
- **Back- end**: ASP.NET Core, Entity Framework, SQL Server, REST API, Python
- **Database:** SQLServer, MySQL, Oracle
- **Tools**: Github, draw.io, Visual Paradigm, Jira, Figma, Postman, Docker Desktop
- **CI/CD & Containerization**: Docker, GitHub Actions
- **Deployment:** Azure, Docker Compose
- **Language:** English

Soft skills
- Teamwork
- Time management

Projects

Personal Project   06/04/2025 - now

Dotel

About A website for user to take a look and rent apartments in Hoa Lac area, mainly built on C# .Net6 The website was made for both renter and owner to use, they can exchange information about the rent place.

Github: https://github.com/khoand1406/Dotel

Group Project   06/08/2024 - 16/12/2024

Internal CTF Platform for University Students

Tech Stack: Python (Flask), C#, CTFd, Docker, HTML/CSS/JS

Github: https://github.com/dopi4720/F-CTF_Platform

- Collaborated with the team to **customize and extend the CTFd open-source platform** for internal CTF competitions tailored to students.
- Developed features to **create multiple isolated CTF environments (contest instances)** on a single system.
- Supported challenge management (uploading, organizing, scheduling) and **role-based access control** for instructors and players.
- Containerized the platform using **Docker** for easy replication, deployment, and maintenance.
- Improved the UI to enhance usability for student participants and real-time tracking during contests.