

# PHẠM QUỐC VIỆT

## INTERN BACKEND DEVELOPER

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### Objective

As a Backend Developer, my goal is to leverage my knowledge in Java or .NET to contribute to innovative projects and enhance my skills in software development. I am seeking an internship opportunity to collaborate with a talented team, solve complex problems, design large-scale systems and deliver high-quality backend solutions.

### Education

Major: Software Technology – Information Technology

Oct 2020 - Now

School: Posts and Telecommunications Institute of Technology

### Skills

- Languages: Java, C#, HTML, CSS, JavaScript, TypeScript, SQL.
- Databases: MySQL, PostgreSQL, SQLServer, MongoDB.
- Frameworks: Spring, .NET Core, Angular.
- CI/CD: Microservice, API Gateway, Docker.
- Other: Git, Github, Design Patterns (Singleton, Prototype, Builder).

English: Able to read and comprehend intermediate documents

### Projects

#### CinemaViet – A cinema booking system

March 2023 - June 2023

*(personal project)*

- **Github:** <https://github.com/viet29/CinemaViet>
- **My responsibilities:** Backend Developer – In charge of building business logic code and designing database.
  - Authentication: login, logout and register with JSON Web Token.
  - Authorization: client/staff/admin/superadmin.
  - Allow updating account, changing password, recovering password.
  - Allow user to book tickets which includes choosing film, time and seats, and see booking history.
  - CRUD related entities (User, Movie, MovieDay, Cast, Room, Seat, Booking,...).
  - Allow uploading images related to movies.
- **Technologies used:**
  - Backend: Java Spring Boot 2, Spring Data JPA, Spring Security, JWT.
  - Database: MySQL.

## TDX – A blog website (personal project)

Nov 2023 - Dec 2023

- **Github:** <https://github.com/viet29/TDX>
- **My responsibilities: Full-stack Developer – Responsible for entire project.**
  - Authentication: login, logout and register with JSON Web Token.
  - Authorization: user/manager/admin.
  - Allow updating account, changing password, recovering password.
  - Allow any users to post and manage their blog using CKEditor.
  - Storing user, blog post images all within Cloudinary Storage.
  - Intercept all requests to server with token if it exists.
  - Intercept all responses from server for error handling.
- **Technologies used:**
  - Backend: C# .NET Core 6, Cloudinary Storage, DbContext, AutoMapper, JWT.
  - FrontEnd: Angular 16 (Interceptor, Guard), TypeScript, HTML, Bootstrap, CKEditor.
  - Database: SQL Server.

## Online Judge – A Source Code Judging System (team project)

Feb 2024 - April 2024

- **Github:** <https://github.com/viet29/Online-Judge>
- **My responsibilities: Backend Developer – Contribute to developing and connecting services.**
  - Write code related to services (Exercise, Test Case, Submission...)
  - Register services to Discovery Server.
  - Intercept API calls from client and route them to services via API Gateway.
  - Compile source code via standalone third-party service inside ArchLinux VM Image (Camisole).
  - Allow users to submit their source code to corresponding to exercise.
- **Technologies used:**
  - Backend: Java Spring Boot 3, Spring Websocket, Netflix Eureka Discovery Server, API Gateway, Rest Template.
  - Database: MySQL.
  - Other: [Camisole](#), Arch Linux Virtual Machine.