NGO TUNG ANH

FULLSTACK WEB DEVELOPER

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ABOUT ME

- Full-stack developer with a backend focus.
- Familiar with Java, Spring Boot, and Angular.

WORK EXPERIENCE

Intern Web Developer | FPT Software | (8/2024 - 2/2025)

Project: Healthcare System (Japan-based Client) / Tech Stack: Spring Boot, Angular, SQL Server

- Joined the team to migrate a legacy system to **Angular**, working with **Agile/Scrum** and **GitFlow** in daily tasks.
- Worked with backend developers to connect **REST APIs** and handle data used in medical features.
- Read technical documents to understand assigned tasks and existing flows, then implemented UI changes based on requirements such as patient records and scheduling.
- Fixed visual and layout issues based on **Jira** tickets while working on medical report screens.
- Joined team reviews and discussions related to front-end work.

SKILL & BACKGROUND KNOWLEDGE

Backend: Java (Core), Spring Boot (MVC, REST)

Databases & Caching: MySQL, Redis (TTL, Caching)

Frontend: JavaScript/TypeScript, Angular(RxJS, NgRx), UI component libraries(Material, Ng-Zorro)

Tools: Git (GitFlow), Postman, Docker(basic)

Soft Skills & Languages: English(technical reading), self-learning, problem-solving, teamwork.

PROJECTS

CINEPLEX | 6/2025 - 12/2025

Movie Reservation System / Tech stack: Spring Boot, MySQL , Redis, Angular, Ng-Zorro, NgRx

- The backend followed a **multi-module architecture**, separating core logic, security, and business features so changes could be made without affecting unrelated parts. Authentication and role handling were managed through Spring Security.
- During the booking flow, **a seat-holding mechanism with Redis TTL** was used to prevent double booking. Seats were kept for a limited time while users completed checkout and released automatically if payment was not finished.
- While users were selecting seats, seat status needed to be updated immediately. **Server-Sent Events (SSE)** were used to push these updates to the client, and **RabbitMQ** handled background tasks such as sending confirmation emails.
- The payment process was tested using the **VnPay** sandbox. Ticket and invoice files were generated as PDFs using **Jasper Reports** for download and email delivery.
- Used **NgRx** on the front end to manage shared states such as seat selection and countdown timers, keeping the booking UI responsive and in sync.

E-COMMERCE APPLICATION | 4/2025 - 6/2025

Tech stack: Spring Boot, MySQL, Angular, Angular Material

- **Keycloak** for centralized authentication and authorization (user and admin roles).
- **Redis** caching applied to frequently accessed product data to reduce database load.
- Admin dashboard for order handling, filtering queries, and file export.

EDUCATION

University of Transport and Communications (UTC) 9/2025 - Present

Bachelor of Information Technology (Expected 2027)

FPT Polytechnic College 8/2022 - 5/2025

Associate Degree in Web Development **GPA**: 3.7/ 4.0