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INTERN BACKEND DEVELOPER

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A

As a final-year Information Technology student, I have gained practical experience in backend development through academic projects, specialized courses, and self-directed learning.

I am now seeking a backend internship to enhance my expertise in Java and contribute to the development of real-world systems.

My long-term goal is to transition into a full-stack developer role within the next 2-3 years, building clear and effective software solutions.

Sept 2021 - Now

F : Java, C#, JavaScript, TypeScript, Python
Spring Boot, Spring Security, ASP.NET Core, Node.js, Express.js, React, Redux Toolkit, React Query, React Hook Form, Tailwind CSS, Bootstrap, jQuery, WebSocket (STOMP), Swagger
D : MySQL, PostgreSQL, MongoDB, Spring Data JPA, Entity Framework Core, Redis, Elasticsearch
: OOP, SOLID principles, Git, Agile (Scrum), Basic English proficiency, Communication, Collaborate

E

Feb 2025 - Apr 2025

A social platform that allows users to share posts and engage in discussions based on common interests.
: 1

- **I** : role-based authentication & authorization using JWT and Spring Security to secure API endpoints
- **I** : full-text search with Elasticsearch to enhance post discoverability
- **I** : database performance by applying Redis caching for frequently accessed data
- **D** : and built a nested comment system using Closure Table for scalable discussion threads
- **D** : real-time updates using WebSocket (STOMP) & Redis, and it through batched writes to reduce DB load
- **B** : RESTful CRUD API design to support scalable content management
- **B** : Spring Boot, Spring Security, Redis, Elasticsearch, WebSocket (STOMP), MySQL, Spring Data JPA, MapStruct, Swagger, Cloudinary
- **F** : React (TypeScript), Vite, Tailwind CSS, Redux Toolkit, React Query, Axios, React Router, React Hook Form

Multishop

A shopping website that lets users browse and buy products like clothes and electronics, manage orders, receive smart product suggestions, and pay online securely.

Team size: 1

Responsibilities:

- **Designed and implemented** RESTful APIs for managing products, users, and orders, enabling seamless e-commerce operations
- **Built** a product recommendation system using TF-IDF and Cosine Similarity (ML.NET) to enhance user shopping experience
- **Integrated** VnPay payment gateway to support secure and reliable online transactions
- **Documented** and tested APIs using Swagger for easy integration and developer accessibility
- **Developed** responsive frontend UI using Bootstrap, Razor Pages, and jQuery to improve user navigation
- **Visualized** business data with Chart.js and **enhanced** table interactions using DataTables for better data management

Tech Stack: