

HTOO AUNG LIN

Junior Backend Developer (Java / Spring Boot)

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PROFESSIONAL SUMMARY

Junior Java Backend Developer with around one year of hands-on experience building, testing, and maintaining backend services using Java and Spring Boot. Interested in designing clean, scalable RESTful APIs, improving reliability, and applying sound backend architecture practices. Comfortable with databases, authentication/authorization flows, and automated testing, and eager to keep growing as a backend engineer.

PROJECTS & PRACTICAL EXPERIENCE

HR Backend API (Office Project — Java / Spring Boot)

- Built an HR backend API with scope-based access control (roles mapped to scopes/permissions) to control endpoint and action access.
- Implemented authorization checks to ensure each role can access only the permitted resources and operations.
- Delivered CRUD modules with validation and consistent error handling using a clean layered architecture (controller/service/repository).

PointPlus Rewards Backend API (Office Project — Java / Spring Boot)

- Implemented a points-based purchase flow where customers can pay for selected goods using reward points.
- Added earning rules to grant points for specific user actions and maintained an auditable earn/spend transaction history.
- Improved API correctness and reliability with clear contracts and testing using Postman/JUnit.

E-Commerce Platform (Personal Project — MERN)

- Developed a full-featured e-commerce application using MongoDB, Express.js, React, and Node.js.
- Designed RESTful APIs for products, users, orders, and payment workflows.
- Implemented JWT-based authentication and role-based authorization for admin and customer access.
- Applied MVC principles to keep the codebase maintainable and well-structured.

Authentication & Authorization Service (.NET)

- Built a secure authentication service using ASP.NET and PostgreSQL.
- Implemented password hashing and role-based authorization across API endpoints.
- Integrated Google reCAPTCHA v2 to prevent bot registrations and abuse.
- Documented REST APIs to support smooth frontend integration.

Pizza Ordering System (C# WinForms — Academic Project)

- Developed a desktop application for pizza ordering with customization and pricing logic.
- Applied OOP principles including encapsulation, inheritance, and polymorphism.
- Designed a clean UI and implemented order summary features.

Spring Boot API Experiments (Self-learning)

- Created small Spring Boot services to explore backend concepts in isolation.
- Implemented features such as authentication, pagination, file uploads, caching, rate limiting, and webhook handling.
- Added basic automated tests and concise documentation for each service.

EDUCATION

B.Sc. Computer Science — University of Sunderland (May 2025)

Higher Diploma in Infocomm Technology — British University College (Dec 2022 – Apr 2024)

TECHNICAL SKILLS

Languages & Frameworks	Java, Spring Boot, Spring Data JPA, JavaScript (React, Node.js, Express), TypeScript
Databases	PostgreSQL, MongoDB
Tools	Git, GitHub, Gradle, Maven, Docker (basic)
APIs & Testing	RESTful APIs, Postman, JUnit

ADDITIONAL INFORMATION

Languages: English, Burmese

Actively seeking junior backend developer roles and collaborative projects; motivated to follow industry best practices and improve backend architecture skills.