Rho Alphonce Jornadal

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linkedin.com/in/loftyyyy github.com/loftyyyy Credly Portfolio

Computer Science student specializing in backend development, with hands-on experience building Spring Boot APIs, Redis caching, and containerized Azure deployments. Completed a penetration-testing internship on a production HRMS. Seeking a junior Java / Spring Boot developer role.

Skills

Backend: Java, Spring Boot, Spring Security (JWT, OAuth2), REST APIs, PHP/Laravel, Python
Databases & Caching: MySQL, PostgreSQL, Redis, Flyway
DevOps & Testing: Git, Docker, Azure Container Apps, Postman, k6, JUnit, Mockito
Security: OWASP ZAP, Burp Suite
Tools: Claude, OpenCode

Work Experience

Infinity Hub Davao City, Philippines
Cybersecurity Intern / Penetration Tester 07/2026 - 08/2026

- Identified an IDOR vulnerability (CWE-639), an XSS flaw, and a sensitive data exposure (CWE-200) leaking bcrypt hashes in API responses during testing of a production HRMS.
- Used OWASP ZAP and Burp Suite for automated and manual testing (SQL injection, LFI/RFI, SSTI) and documented findings with recommended fixes.

Projects

URL Shortener API | Spring Boot, PostgreSQL, Redis, k6 10/2026

- Developed a RESTful URL shortener with endpoints for URL creation and redirection.
- Implemented the Cache-Aside pattern with Redis to reduce database load and improve redirect latency.
- Load-tested with k6 at up to 200 virtual users; in local testing, recorded 8,207 requests/second, 3.49 ms p95 latency, and 0% errors across 410,451 requests.

19wpm | TypeScript, Spring Boot, PostgreSQL, Redis, WebSockets, Docker, Azure 05/2026

- Built a Monkeytype-inspired typing platform with JWT authentication (including token blocklisting) and GitHub/Google OAuth2 login.
- Implemented a real-time multiplayer race mode using WebSockets/STOMP with Redis-backed ephemeral state; containerized with Docker and deployed to Azure Container Apps.
- Load-tested the API with k6 across auth, read-heavy, write-heavy, and mixed scenarios; in local testing (median of 3 runs), recorded 0% errors across ~27,600 requests with p95 latency of 2.5 ms on reads and 5.3 ms on writes.

PharmaTrack | TypeScript, Spring Boot, MySQL 05/2025

- Built a pharmacy management system using Spring Boot and MySQL, handling medicine inventory, sales transactions, and customer records
- Developed 20+ RESTful API endpoints for medicine inventory, sales transactions, and customer records management.
- Wrote 183 JUnit 5 tests (Mockito, MockMvc, H2) covering JWT handling, token lifecycle, and the auth, category, product, role, and stock-adjustment APIs.

Education

University of Mindanao Matina, Davao City
BS, Computer Science 08/2023 - 03/2026

Certifications

IT Specialist - Cybersecurity 05/2026
Certiport, a Pearson VUE business

Cloud Computing Fundamentals 03/2026
IBM SkillsBuild

Cybersecurity Fundamentals 07/2025
Cisco

GitHub Foundations 06/2025
GitHub

IT Specialist - Databases 05/2024
Certiport, a Pearson VUE business