

Adrian Carlo A. Menguita

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Summary

Backend developer with 1+ years of experience and a strong focus on creating secure, high-performance server-side applications and managing DevOps workflows. Focused on collaborating with teams to develop clean, containerized solutions and efficient database systems.

Education

Mapúa Malayan Colleges Mindanao

August 2022 – May 2026

BS Computer Science

Notable Awards:

- Graduate Summa Cum Laude with a 1.18 GWA
- ACM Programming Contest 2024 1st Runner up – Philippines
- TrendMicroCTF 2023 National 7th Place – Philippines
- HackForGov 2024 Region 11 4th Place – Philippines

Experience

Telemondo

Backend Developer (Intern)

November 2025 – March 2026

Developed the Java Spring Boot backend systems for gym management, focusing on scalable server-side logic and automated deployments. I managed the full lifecycle from database schema design to a containerized production.

- Architected multiple Spring Boot services using **Spring Method Security** to implement role-based access control for protected RESTful APIs.
- Integrated **NATS** for event-driven messaging and **MinIO** for object storage, building a high-performance infrastructure capable of handling diverse data needs.

Freelance

Backend Developer

July 2024 – June 2025

Developed the backend infrastructure for a comprehensive student management system, responsible for database schema creation, server-side logic, and deployment through containerization (cloud deployment).

- Designed and optimized database schema containing **70+ tables** for a PostgreSQL Database using **Prisma ORM** for database design and creation. Used **Kysely** query builder to optimize read queries involving 4+ joins.
- Containerized applications using **Docker** for consistent deployment environments and applied **OWASP security hardening** best practices to minimize vulnerabilities.

Skills

- **Backend Development:** Node.js, Next.js, Python, Java (Spring Boot), RESTful APIs, Automated Testing
- **SQL Databases & Data:** PostgreSQL, MySQL, Prisma ORM, Kysely, Database Schema Design, Query Optimization, Data Processing
- **DevOps & Infrastructure:** CI/CD (GitHub Actions), Docker (Containerization), Cloud Infrastructure (DigitalOcean), Linux (Bash/SSH), Proxmox, Networking (CCNA)
- **Security & Messaging:** Spring Security (RBAC), Security Hardening (OWASP), OPA, NATS (Event-Driven), Git