

Adrian Carlo A. Menguita

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Summary

Full Stack Developer with experience designing and developing complete web applications, from responsive frontend interfaces to secure backend systems and cloud deployment. Skilled in Next.js, PostgreSQL, Spring Boot, Docker, and modern development practices, with a strong focus on performance, scalability, and maintainability.

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 backend services and deployment infrastructure for a gym management platform using Spring Boot, PostgreSQL, Docker, and event-driven architecture.

- 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

Full Stack Developer

July 2024 – June 2025

Developed and maintained a full stack student management system using Next.js, PostgreSQL, and Docker, contributing to frontend functionality, backend services, database architecture, and deployment through containerization (cloud deployment).

- Implemented full-stack features using **Next.js**, REST APIs, and PostgreSQL, delivering end-to-end application functionality across the frontend and backend.
- 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

- **Frontend Development:** Next.js, React, TypeScript, JavaScript, Tailwind CSS, shadcn/ui
- **Backend Development:** Node.js, Python, Java (Spring Boot), RESTful APIs, Automated Testing
- **Databases:** PostgreSQL, MySQL, Prisma ORM, Kysely, Database Schema Design, Query Optimization
- **DevOps & Infrastructure:** Docker, CI/CD, DigitalOcean, Linux, Cloud Deployment, Proxmox, Networking (CCNA)
- **Security & Messaging:** Spring Security (RBAC), Security Hardening (OWASP), OPA, NATS (Event-Driven), Git