

Objective

Committed to delivering high-quality software solutions and contributing to team success while continuously learning and aspiring to architect scalable systems.

Relevant Experience

(IBM) Consulting Associate | Enterprise Application Integration | 2024 – Present

- Developed a robust energy outage forecast integration solution with built-in fault tolerance, including automated retry mechanisms for transient database errors, HTTP call failures, and unmet flow dependencies. Integrated comprehensive ticketing and real-time notification workflows for cases where all recovery options were exhausted — ensuring consistent compliance with agreed service reliability standards (SLA)
- Enhanced existing integration interfaces by implementing a scalable framework for improved log visibility, proactive incident ticket creation, and real-time notifications, enabling faster detection and resolution of issues.
- Ensured the stability and reliability of critical integration solutions by actively participating in comprehensive testing phases (unit, performance, and regression) and managing stakeholder expectations through effective UATs with external vendors and internal teams.

Freelance Developer | 2025 – Present

- Designed and implemented the cloud architecture for a Stock Management System using AWS (S3, RDS for PostgreSQL, EB, IAM).
- Developed the frontend using Next.js, Tailwind, and shadcn/ui, leveraging AI-assisted tools for design and implementation, and collaborated on backend API flow and business requirements to deliver a functional, user-aligned system.
- Collaborated with stakeholders to align technical solutions with business requirements, ensuring a scalable and maintainable system.

Projects

Document Similarity Checker | Full Stack Developer

- Developed a document similarity checker using TypeScript, Python, Next.js, React, Tailwind, and FastAPI.
- Enhanced the Rabin-Karp algorithm with an XOR filter, improving runtime efficiency and accuracy in document comparison.

Technical Skills

- **Programming:** C#, Java, JavaScript, Python
- **Databases:** Oracle SQL, Postgres
- **Frameworks/Libraries:** Express, ASP.NET Core, Tailwind, Prisma, NextJS, ReactJS
- **Cloud services:** AWS (S3, RDS, ECS, IAM)
- **APIs & Data Formats:** REST, SOAP, XML
- **Developer Tools & Platform:** Git, GitHub, Docker, JIRA, ServiceNow, Dynatrace
- **Certification:** IBM Certified Advocate - Cloud v2, Agile Explorer, IBM Generative AI Foundations, AWS Partner: Generative AI Essentials, Network Support and Security, Foundational C# with Microsoft

Education

Pamantasan Ng Lungsod Ng Maynila

B.S. Computer Science (Magna Cum Laude)

2020 - 2024