

## Objective

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

## Relevant Experience

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### WebMethods Developer (IBM) | 2024 – Present

- Implemented high-volume data integration pipelines for critical energy outage forecasting, optimizing database interactions for efficient data extraction and executing complex transformations (including custom Java services) per specifications. Automated high-performance large dataset transfers via schedulers, ensuring seamless communication and accurate business operations.
- Developed and integrated payment and balance inquiry functionalities, leveraging existing web services and implementing a comprehensive logging framework for enhanced error tracking and system reliability.
- Ensured the stability and reliability of critical integration solutions by actively participating in comprehensive testing phases (unit, performance via Dynatrace, and regression) and managing stakeholder expectations through effective UATs with external vendors and internal teams.

## Projects

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### File Management System | Backend Developer

- Developed a user-friendly online platform enabling seamless document upload for students, including essential paperwork such as birth certificates and academic forms.
- Created a robust RESTful API using TypeScript, Express, SQL, and NodeJS to ensure efficient backend functionality.

### Counselling Appointment System | Backend Developer

- Crafted a user-friendly platform to revolutionize mental health care within the university, providing seamless appointment scheduling.
- Implemented a RESTful API using TypeScript, Express, SQL, and NodeJS for efficient backend operations.

### Document Similarity Checker | Full Stack Developer

- Developed a document similarity checker using TypeScript, Python, NextJS, React, Tailwind, and FastAPI.
- Improved Rabin-Karp Algorithm with an XOR Filter, significantly enhancing runtime efficiency for faster and more precise document comparison.

## Technical Skills

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- **Programming:** C#, Java, Javascript, Python
- **Databases:** Oracle SQL, Postgres
- **Frameworks/Libraries:** Express, ASP.NET Core, SpringBoot, Tailwind, Prisma, NextJs, ReactJs
- **Cloud services:** AWS (EC2, S3, DynamoDB)
- **APIs & Data Formats:** REST, SOAP, XML
- **Developer Tools & Platform:** Git, GitHub, Docker, JIRA, ServiceNow, Dynatrace
- **Certification:** Network Support and Security, Foundational C# with Microsoft, Agile Explorer, IBM Generative AI Foundations, AWS Partner: Generative AI Essentials

## Education

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**Pamantasan Ng Lungsod Ng Maynila**

B.S. Computer Science (Magna Cum Laude)

**2020 - 2024**