

Aleli Macapagal

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Professional Summary

Innovative and results-driven Software Engineer with over a decade of global experience in software development, systems engineering, and IT solutions across diverse sectors, including healthcare, education, manufacturing, and e-commerce. Proficient in full-stack development, cloud-native solutions, and AI-integrated systems. Currently completed Software Engineering Technology program at Centennial College to enhance expertise. Committed to continuous learning and driving digital transformation.

Core Competencies

- **Programming Languages:** C#, Java, JavaScript (React, Node.js), Kotlin, Python, SQL
 - **Web Development:** MERN Stack, ASP.NET Core, Spring Boot, GraphQL, REST APIs
 - **Cloud Platforms:** Azure & Microsoft 365, AWS (DynamoDB, EC2, S3), Google Cloud
 - **DevOps Tools:** GitHub Actions, Jenkins, Docker
 - **AI/ML Integration:** OpenAI APIs, Predictive Analytics
 - **Databases:** MS SQL, MySQL, MongoDB, OracleSQL, PL/SQL
 - **Project Management:** Agile (Scrum), Jira, Trello
 - **Soft Skills:** Collaboration, problem-solving, adaptability, effective communication
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Technical Projects

Diet Planner Web Application *Java EE Spring Boot, 2025*

- Developed a full-stack diet planner app with MySQL backend and RESTful APIs.
- Integrated third-party APIs for calorie calculation and meal suggestions.

Healthcare Monitoring System *2025*

A web application for nurse practitioners to monitor patients during the first weeks of their release from the hospital and help patients monitor their daily activities.

MERN stack, GraphQL, Apollo Server, AI, Microservices

Enterprise Systems Integration – Starbucks Research Project 2025

- Conducted a case study on Starbucks' enterprise systems, focusing on cloud integration, IoT, and data analytics.
- Proposed a scalable architecture for real-time inventory management and customer behavior analysis.

Azure DevOps CI/CD pipelines implementation 2025

- Movie Streaming Web Application project
 - Diet Planner Web Application (Maven project)
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Education

Software Engineering Technology April 2025

Centennial College, Toronto, ON

Bachelor of Science in Computer Science

Angeles University Foundation, Philippines

Professional Experience

Test Invigilator (Part-Time)

Precise Solutions, Toronto, ON | May 2024 – Present

- Ensured the integrity and security of examination processes in a high-stakes testing environment.
- Managed technical setups, resolved IT issues, and maintained compliance with testing protocols.

IT Specialist (Part-Time)

Yaya Homecare Services, Toronto, ON | Nov – Dec 2023

- Designed and deployed the company website, enhancing online visibility and customer engagement.
- Provided IT support for internal systems, ensuring seamless operations.

E-Commerce Business Manager

Almac General Merchandising, Philippines | Sep 2021 – Jul 2023

- Managed end-to-end e-commerce operations for two online stores and one physical location.
- Increased sales by 15% through targeted marketing campaigns and data-driven decision-making.

Systems Engineer

Technology Elite, Philippines | Feb – Apr 2022

- Resolved over 50 service requests for clients in Australia, ensuring 99.9% system uptime.
- Implemented network monitoring tools and automated routine maintenance tasks.

Network Support Specialist

Rashid School for Boys, Dubai, UAE | Jan 2016 – Jul 2021

- Delivered IT support for a K-12 school, managing over 30 daily requests and maintaining 200+ devices.
- Led server migration and mobile device management (MDM) projects, improving system efficiency.

Database and Systems Engineer

Shanghai American School, China | Aug 2014 – Jul 2015

- Enhanced PowerSchool SIS for unified student data management, integrating with ERP systems.
- Automated report generation using SQL and Visual PST, reducing manual effort by 30%.

Windows/Linux Systems Administrator – Tier 3

GFL Systems, Philippines | Nov 2011 – Jul 2014

- Managed over 75 service requests for global clients, ensuring system stability and security.
- Implemented remote monitoring solutions for Windows and Linux servers.

Key Achievements

- **AI Integration:** Successfully integrated AI-driven features into multiple projects, enhancing user experience and operational efficiency.
- **Global Experience:** Delivered IT solutions across 5 countries, adapting to diverse cultural and technical environments.
- **System Optimization:** Reduced manual reporting effort by 30% through automation and database optimization.