

BEATRICE BICENIO MANUEL

09174986103
45 Remuda Street, Rancho 1,
Concepcion 2, Marikina City
beatricebmanuel@gmail.com

PROFILE

Recent Bachelor of Science in Information Systems graduate with strong foundation in programming and cloud computing. Proficient in system design and development, characterized by meticulous attention to detail and adept problem-solving abilities. Efficient in time management, enthusiastic about continuous learning, and receptive to feedback for enhancing work performance.

EDUCATION

De La Salle – College of St. Benilde	2022 - 2025
Bachelor of Science in Information Systems	
Dean's Lister (1st Year - 1st, 2nd, 3rd Term, 2 nd Year - 1st, 2nd, 3rd Term, 3 rd Year - 1st, 2nd Term)	
Far Eastern University - Nicanor Reyes Medical Foundation	2014 - 2019
Bachelor of Science in Pharmacy	
Registered Pharmacist (August 2019)	
Assumption Antipolo	2011 - 2014
High School Diploma	

PROFESSIONAL SKILL

Programming Languages	C#, JavaScript, SQL, Python, DAX, M, Dart, HTML
Database Management	SQL Server Management
System Design	Bootstrap, Photoshop, ClipStudio Paint
Cloud Computing	AWS Certified
Software Tools	Microsoft Office Suite (Word, PowerPoint, Excel)
Operating Systems	Windows OS

PROJECTS

ACL Checker: Automated Continuous Access Control Audit System	2025
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Description: Designed and developed an automated audit tool to replace a slow manual process, reducing report generation time from one hour to under 15 minutes. Built a custom interactive dashboard using Python and Google Cloud to replace expensive legacy software, enabling daily fraud detection and significant cost savings.

Programming Language: Python

Programming System: Streamlit, Google Cloud Platform (Cloud Run, BigQuery, Cloud Storage), Pandas, GitLab

GABAY: Intelligent Flood Alert System for Commuter Safety in Flood-Prone Areas

2025

Description: Introduced the DAISI tool to interns and employees at DEVCON, demonstrating how it supports their daily work. Focused on explaining technical features simply during live interactions and using audience feedback to identify areas for future improvement.

GABAY: Intelligent Flood Alert System for Commuter Safety in Flood-Prone Areas

2025

Description: Developed a bilingual mobile app delivering real-time, location-specific flood updates by integrating crowdsourced reports, official alerts, and GPS-based tracking to improve commuter safety in Metro Manila. Focused primarily on UI/UX design and managing app content translation.

Programming Language: Dart, HTML, JavaScript

Programming System: Flutter, Visual Studio Code, Android Studio, MongoDB

Global Sales Analytics Dashboard

2024

Description: Developed an interactive Power BI dashboard visualizing global sales, revenue, and Cost of Goods Sold across regions and categories, with detailed Argentina and USA focused reports and comparative country analytics.

Programming Language: DAX, M

Programming System: Power BI

2015 Global Population, Mortality, and Disease Dashboard

2024

Description: Developed an interactive Power BI dashboard visualizing 2015 global population, mortality, disease prevalence, and immunization coverage, with detailed country reports and comparative analytics.

Programming Language: DAX, M

Programming Systems: Power BI

Clinic Queue Management Console Application

2023

Description: Console application that utilizes list, stack and queue to efficiently handle patient queue in a small clinic.

Programming Language: C#, SQL

Programming System: Visual Studio, SQL Server Management

Digitalized Pharmaceutical Management System

2023

Description: Database aims to be the answer to inefficient inventory management experienced by small pharmacies.

Programming Language: C#, JavaScript, SQL

Programming Systems: Visual Studio, SQL Server Management

MVC Student Database Web Application

2022

Description: Web Application made to provide ease of access for students and professors to view and manage grades.

Programming Language: C#, SQL

Programming System: Visual Studio, SQL Server Management

CERTIFICATE

AWS Academy Cloud Foundation

Certification Date: August 8, 2023

Issued by: Amazon Web Services Academy

Description: Credential that validates expertise and proficiency in the fundamentals of cloud computing with the use of AWS Services. Demonstrates knowledge and skills in designing, managing, and optimizing cloud solutions on the AWS platform.