

JOHN PATRICK MORENO SALANGSANG

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EDUCATION

HOLY ANGEL UNIVERSITY

Angeles City, Pampanga

Bachelor of Science in Computer Science

2021 – 2025

Cumulative GWA: 1.21; Summa Cum Laude

Relevant Coursework: Data Analysis, Software Development, Operating Systems, Algorithms, Artificial Intelligence, Machine Learning, Blockchain, Automata, Database Management, Information Security, Cloud Computing, Network Basics

WORK EXPERIENCE

IT AUDITOR

Angeles City, Pampanga

Porac Bank, Inc.

May 2025 – Present

- Conducted IT risk assessments on key banking systems, including core banking, email servers, and communication platforms.
- Developed and maintained IT audit programs in alignment with Bangko Sentral ng Pilipinas regulations.
- Reviewed and evaluated IT general controls (ITGCs), including access controls, data backup, change management, and logical security.
- Identified control gaps and recommended practical, risk-based solutions to strengthen IT governance and security posture.
- Participated in system audits across auditable units to evaluate control effectiveness..
- Prepared audit findings, working papers, and reports for internal stakeholders and regulatory compliance.

FULL STACK DEVELOPER INTERN

Clark Freeport Zone, Pampanga

Clark Outsourcing

Dec 2024 – Mar 2025

- Contributed to the development and maintenance of the company's HRIS web application.
- Utilized Angular for frontend development, creating dynamic and responsive UI components.
- Implemented backend functionalities using Lumen Laravel to support data management and user operations.
- Managed MySQL database operations, ensuring efficient data storage and retrieval.
- Debugged and resolved issues across both frontend and backend environments to enhance application performance.
- Collaborated in testing APIs using Postman, ensuring proper integration between frontend and backend.

PROJECTS

AI-Driven Audit Risk Assessment and Audit Documentation Workflow Automation using Google Colab

2025

- Architected two Python-based AI automation solutions that transformed core IT audit workflows.
- An LLM-powered risk assessment engine utilizing OpenRouter API to objectively evaluate audit scopes across impact/likelihood matrices with structured JSON validation and automated prioritization (HIGH/MEDIUM/LOW ratings).
- And an intelligent report generation system that converts technical audit findings into executive-ready narratives for Executive and Audit Committee presentation..

KAuth: Counterfeit Detection Application for Philippine Peso Banknote using Image Processing through Convolutional Neural Network

2025

- Developed a mobile application using Flutter and Dart to detect counterfeit Philippine peso banknotes.
- Integrated TFLite for the deployment of a deep learning model, leveraging the Xception Convolutional Neural Network (CNN) architecture for accurate banknote classification.

SKIMATA: Web Application for Visualization of CPU and Memory Management Algorithms

2024

- Co-developed a web application that visualizes various CPU and memory management algorithms, contributing specifically to the implementation of the Non-Preemptive Priority CPU Scheduling Algorithm.
- Utilized JavaScript, HTML, and CSS to build both the frontend interface and backend logic, providing an interactive and educational tool for understanding system processes.

System Analyser: Web Application for Predicting the Estimated Relative Performance of Computer Hardwares using Multiple Linear Regression

2024

- Designed a web-based platform using Flask framework for backend processing and multiple linear regression to predict hardware performance based on input parameters.
- Developed the frontend using HTML, CSS, and JavaScript, while employing Python for data analysis and model predictions, providing users with insights into relative hardware performance.

ADDITIONAL SKILLS

Technical Skills: Full Stack Software Development, Machine Learning, Database Management, Cloud Computing, Version Control, Data Analysis, Technical Documentation, Risk Assessment, Assurance, IT General and Application Controls Review

Programming Languages: Python, Javascript, HTML, CSS, Dart, Java, SQL, Typescript, PHP

Frameworks and Technologies: Flutter, NodeJS, Flask, Git, MySQL, Angular, Lumen Laravel, Postman

Soft Skills Certifications: Interpersonal Communication, Productivity Improvement, Organization Skills, Time Management

CERTIFICATIONS

Information Systems Auditing, Controls and Assurance	2025
The Hong Kong University of Science and Technology	
CompTIA Security+ 701	2025
Infosec	
Developing AI Applications with Python and Flask	2025
Microsoft	
Microsoft Azure Machine Learning	2025
IBM	
AWS Academy Cloud Foundations	2024
Amazon Web Services	
CyberOps Associate	2024
Cisco Networking Academy	
CCNAv7: Introduction to Networks	2024
Cisco Networking Academy	
Introduction to IoT	2021
Cisco Networking Academy	
Introduction to Cybersecurity	2021
Cisco Networking Academy	

ACTIVITIES

Auditing the Cybersecurity Function	2026
Bankers Institute of the Philippines (BAIPHIL)	
Cloud Security	2026
Bankers Institute of the Philippines (BAIPHIL)	
Compliance Officers and Internal Auditors (COIA) 4th Annual National Convention	2026
Rural Bankers Association of the Philippines	
Cybersecurity and IT Risk Fundamentals Roadshow	2025
TRISD - Bangko Sentral ng Pilipinas	
FinTech for Inclusion Transformation (FIT) Workshops	2025
SGV & Co.	

CHARACTER REFERENCES

Ms. Ana Teresa Banawa	Porac Bank, Inc
Internal Auditor	
Ms. Emily Guanzon	Porac Bank, Inc
Chief Compliance Officer	