

DAVID, D. JUAN CARLO

INFORMATION TECHNOLOGY

CONTACT

- +63 976 209 6892
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- Montecillo Subdivision
Brgy 177 North Caloocan City.

SKILLS

- React.js
- Node.js
- PHP
- Python
- MySQL
- Java
- Javascript
- HTML & CSS
- Tailwind
- Bootstrap
- JQuery

INTERESTS

- Music
- Web Design
- Active Lifestyle

PROFESSIONAL SUMMARY

Full-stack Developer with expertise in React.js, Node.js, Python, and Machine Learning. Proven experience in building innovative web applications, machine learning models, and management systems. Passionate about leveraging technology to solve real-world problems.

EDUCATION

Our Lady of Fatima University Quezon City	2022 - 2025
Bachelor of Science in Information Technology	
• College	
Our Lady of Fatima University Quezon City	2020 - 2022
STEM Senior High School	
Little Merry Hearts Montessori High School	2016 - 2020
Junior High School	

EXPERIENCES & PROJECTS

CUSTOMIZE MEAL PLANNER (MACHINE LEARNING)	2024
• Developed a full-stack application using Python (TensorFlow) and React.js.	
• Built a machine learning model to generate personalized meal plans based on user preferences, BMI, and dietary restrictions.	
• Integrated collaborative filtering and content-based filtering for accurate recommendations.	
ANEMIA CLASSIFICATION SYSTEM	2025
• Created a medical imaging analysis tool to detect anemia using machine learning.	
• Trained the model on diverse datasets for reliable detection, aiding healthcare professionals in early diagnosis.	

ADVERTISEMENT VIDEO ANALYZER

2025

- Designed a machine learning model to analyze video engagement metrics (emotional responses, attention patterns).
- Provided actionable insights for marketers to optimize video content.

COFFEE SHOP MANAGEMENT SYSTEM

2024

- Developed a comprehensive web application for inventory, employee scheduling, and sales analytics.
- Enhanced operational efficiency with real-time data tracking.

ACHIEVEMENTS

President of Junior Philippine Computer Society	2024-2025
Third Place in Java Programming Intercampus	2024-2025
Second Place in Web Development CodeFest (OLFU QC)	2024-2025
Fourth Place in National Programming CodeChum	2024-2025
Third Place in Web Development CodeFest (OLFU QC)	2022-2023
Dean’s Lister	2024-2025

SEMINAR / TRAININGS

Academe Industry Linkages and Pathways (AILP)

- Student Representative • Seminar

Academe Industry Linkages and Pathways (AILP) is a collaborative program designed to bridge the gap between academic learning and real-world industry practices.

The program also fosters innovation, research collaboration, and curriculum enhancement by integrating industry feedback and trends into academic programs, ensuring students graduate with both theoretical knowledge and hands-on expertise needed for success in the modern workforce.

Wi-fi Configuration and IP address of Computer Networking

- Seminar

This certificate focuses on the configuration of Wi-Fi networks and the management of IP addresses in computer networking.

It covers essential topics such as setting up wireless networks, understanding IP addressing schemes, and ensuring secure and efficient network connectivity.

Network Essentials: From LAN to WAN, VPNs and Firewalls

- Seminar

This certificate provides a comprehensive understanding of network essentials, covering topics such as Local Area Networks (LANs), Wide Area Networks (WANs), Virtual Private Networks (VPNs), and firewalls.

It equips learners with the knowledge to design, implement, and manage secure and efficient networks

Computer Security and Safety, Ethics and Privacy

- Seminar

This certificate covers essential topics in computer security, including best practices for maintaining safety, understanding ethical considerations, and protecting privacy in the digital age.

AWS Lambda Foundation

- Training

This training focuses on the fundamentals of AWS Lambda, a serverless compute service that lets you run code without provisioning or managing servers. This certification validates my understanding of serverless architecture and AWS services.

PERSONAL DETAILS

Date of Birth: April 21, 2001

Nationality: Filipino

Language: English, Filipino

CHARACTER REFERENCE/S

MR. JOHANI BASAULA

IT / CS PROFESSOR AT OUR LADY OF FATIMA UNIVERSITY (QC)

jdbasaula@fatima.edu.ph

MR. JOHN ERICK LLANITA

SENIOR CLOUD ENGINEER AT iCSeed

<https://www.facebook.com/erickoco>