

Juan Rafael Dagdag Camasis

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Education

BULACAN STATE UNIVERSITY

Malolos, Bulacan

Bachelor of Science in Information Technology, Specialized in Web and Mobile

Development

2022-Present

- GWA (Last April): 1.00
- Thesis/Capstone: SDPTSolutions Academy: Expanding a Technology-driven E-Learning Platform with Generative Artificial Intelligence for SDPTSolutions.
- Honors: President's Lister

DR. YANGA'S COLLEGES INC

Bocaue, Bulacan

Senior High School Diploma (STEM Strand)

2022

- With High Honors (Grades 11–12)
- With Honors (Grades 7–10)

Leadership and Activities

Full Stack Developer – Bible Chatbot Rag Project (2026)

- Developed a full-stack solution for the BibleBot Rag project, a chatbot designed to handle user queries regarding the Bible using Retrieval Augmentation Generation (RAG) techniques.

- Enhanced skills in vector storage, pre-trained AI model integration, and data scraping for effective query handling.

Junior Back-end Developer – General Service Office System (2026)

- Contributed to the enhancement of the General Service Office System as a Junior Back-end Developer.
- Improved database normalization, authentication systems, and refactored codebase structure to optimize performance and maintainability.

Lead Developer – Game Development Project (2025)

- Led the development of DOT.EXE, a rogue-like game, overseeing all phases from mechanical design to asset integration.
- Developed critical thinking and full-cycle development skills, focusing on enemy AI design and progression systems.

Leader/Project Manager - Capstone Project (2025)

- Managed a team of 6 in the development of SDPTSolutions Academy, an e-learning platform leveraging Generative AI.
- Coordinated project management, client communications, and documentation while actively participating in development tasks, enhancing team collaboration and project delivery.

Developer – Mobile Application Development (2024)

- Developed PlayIT, a music player mobile application, focusing on back-end development and user interface design.
- Gained experience in database integration and mobile user interface design, ensuring a seamless user experience.

Certifications

SoloLearn Intermediate SQL - 2026

- SoloLearn Free Certification
- Modules Completed: Data Manipulation, Tables Constraint, and Working with Data

Network Addressing and Basic Troubleshooting - 2024

- Cisco Networking Academy program
- Modules Completed: Physical, Data and Network Layers basics, Scaling IP addressing, Troubleshooting Basics

AI Frontier: Generative AI Insights and Practice of AI Creation 2025 - Philippines

- Meta Blue Limited Salesforce Supported Virtual Internship Program 2025 - Philippines
- SmartBridge Educational Services Pvt Ltd
- Modules Completed: Salesforce Fundamentals, Data & Security Modeling, Declarative Automation, Apex in Salesforce, Visualforce Pages, Lightning Web Components, Agentforce Essentials, Agentblazer Champion.

Computer Hardware Basics - 2023

- Cisco Networking Academy program
- Modules Completed: Personal Computers, Laptops, Mobile Devices

Networking Basics - 2023

- Cisco Networking Academy program
- Modules Completed: Network Access Basics, Internet Protocol Basics, Network Communications Basics, Networking Protocols Basics, Networking Devices and Initial Configuration

Skills

Technical:

- Programming Languages: Java, C++, C#, Python, PHP
- Core Web Technologies: HTML, CSS, JavaScript, TypeScript
- Frameworks / Libraries: React.js, Next.js, Vite, Node.js, Bootstrap, Django, Laravel
- Databases: MySQL, Firebase, Supabase
- Game Development: Unity (C#)
- Tools / Platforms: Git, GitHub, XAMPP, Postman, Visual Studio Code, Figma

Other Skills:

- REST APIs, Basic Networking, Manual Testing (Black Box Technique)

Language:

- Filipino (native)
- English (fluent, academic & technical writing, conversational)

Laboratory:

- Software quality assurance: test case design, software testing, and debugging methods
- Virtualization & system deployment (VirtualBox)
- Network simulation & troubleshooting (Cisco Packet Tracer)
- Web app deployment & backend testing (XAMPP, Postman)