

Jimiel Dela Cruz Salmon

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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 Semester): 1.16

Thesis/Capstone: SDPTSolutions Academy: Expanding a Technology Driven E-Learning Platform with Generative Artificial Intelligence for SDPTSolutions.

Honors: President's Lister

CENTRO DE MALOLOS INSTITUTE

Malolos, Bulacan

Senior High School Diploma (STEM Strand)

2022

Leadership and Activities

SkillStash – 2025

- Developed SkillStash, a MERN stack web app that aggregates discounted Udemey courses, enabling users to easily discover affordable online learning opportunities.
- Implemented category browsing, detailed course views, and responsive design using React, Tailwind CSS, and React Router for a seamless user experience.
- Built a secure admin panel with MongoDB-powered backend, form management, data validation, and analytics dashboard to efficiently manage course listings and monitor platform activity.

Co-lead Developer – DOT.EXE Game Development Project 2025

- Designed and implemented DOT.EXE, a virus-themed combat roguelike game featuring strategic gameplay mechanics and challenging enemy encounters
- Developed core game systems including player combat mechanics, enemy AI behavior, and progression systems using modern development tools
- Coordinated team collaboration for coding, testing, and project delivery while maintaining organized development workflows and documentation

Full Stack Developer - Capstone Project 2025

- Collaborated in developing SDPTSolutions Academy, an e-learning platform with Generative AI.
- Led the implementation and integration of Generative AI modules and API deployment.
- Worked closely with team members to execute tasks, conduct code reviews, and maintain project documentation.
- Enhanced troubleshooting, performance optimization, and AI deployment skills.

Lead Developer – PlayIT Mobile Music Player 2024

- Led development of PlayIT, a full-featured music player application for Android devices using Java programming language and Android Studio IDE
- Implemented core music playback functionality including audio file management, playlist creation, media controls, and user interface design for optimal user experience
- Managed complete development lifecycle from initial planning through testing and deployment, ensuring robust performance and intuitive navigation across different Android device specifications

Certifications

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.

AI Frontier: Generative AI Insights and Practice - Meta Blue Limited, February 2025

- Attended specialized seminar sessions covering generative AI fundamentals, machine learning concepts, and innovative applications of AI in software and game development

Network Addressing and Basic Troubleshooting - Cisco Networking Academy 2024

Computer Hardware Basics – Cisco Networking Academy 2023

Networking Basics - Cisco Networking Academy 2023

Networking Devices and Initial Configuration - Cisco Networking Academy 2023

- Mastered computer hardware assembly/disassembly, component installation, mobile device troubleshooting, IPv4/IPv6 addressing schemes, subnet calculations, and systematic network connectivity troubleshooting methodologies
- Developed practical skills in Cisco switch and router configuration using command-line interface (CLI), device password setup, remote access protocols, and initial deployment procedures for enterprise networking equipment

Web Development Certification Series - Udemy, 2024

- **HTML and CSS for Beginners from Basic to Advance** - Mastered fundamental web markup and styling techniques for responsive website development
- **CSS and JavaScript Complete Course for Beginners** - Developed interactive web functionality skills and advanced styling capabilities for modern web applications
- **Hands On React JS From Beginner to Expert** - Gained expertise in component-based JavaScript library for building dynamic user interfaces and single-page applications

Creative Design Certification - Udemy, 2024

- **Pixel Art in Adobe Photoshop CC for Beginners** - Acquired digital art creation skills using industry-standard design software for game assets and graphics

Skills

Technical:

- Programming Languages: Java, C++, C#, Python
- Core Web Technologies: HTML, CSS, JavaScript, TypeScript
- Frameworks / Libraries: React.js, Next.js, Vite, Node.js, Bootstrap, Django, Langchain.js, Tailwind, Shaden
- Databases: MySQL, Firebase, MongoDB
- Game Development: Unity Game Engine (C#)
- Tools / Platforms: Git, GitHub, XAMPP, Postman, Visual Studio Code, Figma, Microsoft Office Suite
- Other Skills: REST APIs, Basic Networking, Computer Troubleshooting/Repair

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 & Back-end testing.

Interests:

- Web and Mobile app development
- Testing
- Software Development
- Networking
- Prototyping