JUSTIN VON T. VERGARA

FULL-STACK DEVELOPER | SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Software developer with hands-on experience designing and building web, mobile, IoT, and AI-based systems. Experienced in full-stack development, database design, application interfaces, system testing, and integrating hardware and software components. Skilled in PHP, JavaScript, Python, Flutter, and MySQL, with additional knowledge of networking, network security, and cybersecurity. Graduated with a Bachelor of Science in Information Technology, specialization in Network Security (2027).

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, PHP, C++, C#, SQL, TypeScript

Frontend Development: HTML5, CSS3, React, Tailwind CSS

Backend & Mobile Development: Laravel, Django, Flutter, Dart, Swift, Kotlin

Databases: MySQL, MariaDB, SQLyog

Networking & Security: Network Security, Cybersecurity, Linux, VirtualBox

IoT & Hardware: ESP32, Arduino, RFID, ACS712, ZMPT101B sensors

Tools & Platforms: Git, GitHub, VS Code, Visual Studio, PowerShell, Google Workspace, Zendesk, Intercom, WEKA

Professional Skills: Communication, Leadership, Teamwork, Problem Solving, Critical Thinking

EDUCATION

Isabela State University - Cauayan Campus

Bachelor of Science in Information Technology, Specialization in Network Security | Graduated 2027

Cauayan City Stand Alone Senior High School

Senior High School, Graduated with Honors | 2023

San Jose National High School

Junior High School, Graduated with Honors | 2021

PROFESSIONAL EXPERIENCE

Freelance Web Developer

Self-employed | Cauayan City, Isabela | 2023 - Present

- Developed 20 web, mobile, IoT, and AI-related systems through academic, personal, and freelance projects using PHP, JavaScript, Python, Flutter, and MySQL.
- Worked across requirements gathering, user interface development, database design, testing, and deployment.
- Translated project requirements into functional features and coordinated technical implementation from initial planning through delivery.

Student Worker - Special Program for the Employment of Students (SPES)

Government Student Employment Program | 2023, 2024, 2025

- Completed three employment program engagements totaling 100 days while balancing academic responsibilities.
- Supported office personnel with administrative tasks, records management, and daily operations.

Registrar Assistant - Work Immersion

Cauayan City Stand Alone Senior High School | 2023

- Assisted the registrar's office with student records, document processing, and front-desk inquiries.
- Completed work immersion as an ICT student under the Technical-Vocational-Livelihood track.

Crew Member

Jollibee (2020 - 2021) | Mang Inasal (2019 - 2020)

- Handled customer orders, payments, and food preparation in quick-service restaurant environments.
- Maintained service quality, cleanliness, and a welcoming customer experience.

SELECTED PROJECTS

ISUCAUFA Financial Management System (FMS)

Full-Stack Developer | PHP, JavaScript, MySQL

Developed a web-based financial management system for the ISU Cauayan Faculty Association to manage monthly member deductions, contributions, assistance claims, and financial reports, with role-based access for treasurers, auditors, and the president.

ECRIS: E-Class Record Information System

Full-Stack Developer | PHP, JavaScript, MySQL

Built a class record and grade management platform for ISU-Cauayan CCSICT, enabling teachers to maintain class records and students to view grades and academic performance online.

ISU Voting System

Full-Stack Developer | PHP, JavaScript, MySQL

Developed an online student election platform for SSC, classroom, and departmental SBO elections, with one-vote-per-eligible-student controls and automated vote counting and results.

HR Management and Geo-Attendance System

Mobile Developer | Flutter, Firebase, Geofencing

Built an Android application that records employee attendance using GPS geofencing and supports leave applications, approvals, and status notifications.

SRTR: Smart Waste Segregation System

AI / Web Developer | Python, TensorFlow, JavaScript, MySQL

Developed an image-recognition system that classifies waste, recommends the appropriate disposal bin, and records segregation activity for reporting.

IoT-Based Energy Consumption Monitoring System

IoT Developer | ESP32, C++, ACS712, ZMPT101B

Built an IoT monitoring solution that measures socket voltage, current, and power and streams readings to an online dashboard for real-time energy analysis.

NearbyHelp System

Full-Stack Developer | PHP, JavaScript, MySQL

Developed a local services marketplace where customers can post service requests, compare provider quotations, and book nearby household or technical services.

CERTIFICATIONS

Certiport: IT Specialist - Network Security (Dec 2025)

Cisco Networking Academy: Networking Basics; Networking Devices and Basic Configuration; Network Support and Security; Security and Connectivity Support (2025 - 2026)

Cisco Networking Academy: Network Defense; Endpoint Security; Cyber Threat Management; Introduction to Cybersecurity; Industrial Cybersecurity Essentials; Cybersecurity Defense Analyst Career Path (2025 - 2026)

Palo Alto Networks: SOC Processes; Introduction to SecOps; Cortex Cloud-Focused Security; Network-Focused Security (Aug 2026)

OPSWAT: Cybersecurity Fundamentals Associate; Introduction to Critical Infrastructure Protection (Oct 2026)

UNIATHENA: Basics of Network Security; Basics of Zero Trust Security; Basics of Cyber Attacks & Threats; Basics of Security Controls & Measures (Oct 2026)

TESDA: Microsoft Cybersecurity Course (Aug 2026); Computer Systems Servicing (CSS) NC II (2023)

Appkadamiya: NetOps Certified Engineer (Aug 2026)

AWARDS & RECOGNITION

- Graduated with Honors - Junior High School (2021) and Senior High School (2023)
- With High Honors - Grade 12, 4th Quarter
- Best in Mathematics - Grades 8-10; Top 10 of the Class - Grades 8-10
- Perfect Attendance - Grades 8-10; Best in T.L.E. - Grade 7