

Christian Jade Bayot, CpE, Tech+, SO2

Computer Engineer | IT Support, Networking, Hardware/PCB & UI/UX Design

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PROFESSIONAL SUMMARY

Computer Engineering graduate with cross-disciplinary technical experience spanning ERP functional consulting, IT support and operations, network administration, embedded hardware and PCB design, and UI/UX design. Most recently worked as an ERPNext-based ERP Operations Specialist, engineering low-code system customizations, resolving production-level technical issues through root-cause analysis, and serving as technical liaison for enterprise clients, with prior hands-on experience in nationwide network and firewall monitoring, hardware fabrication including personally designed PCB circuits, and UI/UX prototyping. Backed by a Cisco Networking Academy credential, CompTIA Tech+, and a self-directed track record of building and shipping independent hardware and software projects end to end.

EXPERIENCE

ERPNext-based ERP Operations Specialist

BizKit Technologies — Remote (Permanent Work-From-Home) | July 2026 – September 2026

- Engineered custom print formats and dynamic form behaviors using Jinja templating and ERPNext's low-code tools (Customize Form, DocType properties), including dedicated print formats that automatically apply the correct layout for specific transaction types (e.g., Donations, Sales Invoice), deployed from development through to production.
- Conducted root-cause analysis and bug replication in live production environments, investigating data-handling anomalies including backend configuration overrides and script-triggered pricing updates in Purchase Orders.
- Served as primary technical liaison for enterprise clients, translating database and system constraints into clear business terms and providing functional workarounds to meet reporting needs.
- Partnered with Operations Managers on functional audits, analyzing ERPNext database schemas and ledger behavior to inform decisions between custom script development and standard workflow adoption.

UI/UX Website Design Intern

Raykan Technologies — Remote | October 2025 – February 2026

- Designed and prototyped 11+ web pages/screens in Figma as part of a 2-person design team.
- Achieved ~90% design approval rate, with designs handed off to developers without major revisions.

Management Information Systems Intern

Vallacar Transit, Inc. — Bacolod City, PH | July 2024 – August 2024

- Maintained and repaired 6+ computers and 10+ UPS units; assembled 10 new PC units with OS and application installation.
- Set up 3+ wired and wireless networks and monitored firewalls via Sophos across nationwide branches, achieving a >90% successful resolution rate across all IT tasks.
- Personally set up a new Dell server and maintained a documentation routine for all IT support work.

Mobile & Computer/Laptop Hardware Technician (Independent)

Freelance — Bacolod City, PH | May 2018 – October 2024

- Independently serviced 30+ clients over 6 years, managing negotiation, pricing, parts sourcing, and repair for smartphones, computers, and laptops.
- Maintained a 95% client satisfaction rate, with 90% of customers returning for repeat repairs.

PROJECTS

Petsa — Expiration Date Tracking App (iOS & Android)

Independent Project | Android release targeted October 2026

- Building a cross-platform consumer app that tracks product expiration dates via barcode scanning, with AI-powered auto-scan features and a user-friendly manual-entry flow.
- Implemented the backend on Supabase, including row-level security (RLS) policies to control per-user data access.

Microprocessor-Controlled Environmental Monitoring and Data Visualization System

Independent / Commissioned Project | Targeted completion: September 28, 2026

- Designed and built a hardware prototype across two microcontroller versions (ESP32 and Raspberry Pi Pico W), integrating thermal, light, and microphone-based noise sensors.
- Developed the overall hardware prototype end to end, including sensor integration and data upload for live visualization.

EDUCATION

Bachelor of Science in Computer Engineering

University of St. La Salle — Bacolod City, PH | Completed April 2026

- Thesis: An IoT-Based Fire Alarm System with Active Smoke Extraction Utilizing the Venturi Effect; personally fabricated the PCB circuit for a 4-in-1 sensor system and configured Raspberry Pi 5 networking through Firebase for live monitoring deployment.

- Recognized with the Best Thesis Award (2026) from both the College of Engineering and the Computer Engineering Department, two separate distinctions.

Senior High School — STEM (Technology Strand)

Liceo de La Salle — Bacolod City, PH | June 2019 – March 2021

- Graduated with Honors; Student Activities Council Officer (DPR).

LICENSES & CERTIFICATIONS

Cisco Networking Academy — Network Support and Security Certification — June 2026 (Credential ID: 2b88c542-23df-4583-be17-fb9c0b93e53d)

CompTIA Tech+ — April 2026 (Credential ID: 7ce194acb4f64c23b62e62ef2782fac0)

Microsoft IT Support Specialist Professional Certificate — April 2025 (Credential ID: 0BR1FVMBAMD7)

Claude Platform 101 Certification — June 2026 (Credential ID: 8jmksn5tef2z)

AI+ Project Manager™ — February 2026, valid until February 2027 (Credential ID: 6ac9636c5469)

AI+ Foundation™ — November 2025, valid until November 2026 (Credential ID: bd7acd4b61af)

Google Project Management Professional Certificate (V2) — May 2025 (Credential ID: 9BHQ4K2QZEKS)

Certified Safety Officer II — DOLE Accredited — August 2026 (earned through the BOSH SO2 training)

Basic Occupational Safety and Health Training (SO2) — Serendipity Multi Purpose Cooperative — June 2026 (Credential ID: BOSH SO2 B10628-008)

Introduction to Python for Data Science — November 2025 (Credential ID: RUzEe7bQF7f7rAia)

Computer Hardware Basics — November 2025

RoboKit Step 1 – Intermediate Course Workshop Certificate — October 2025

PROFESSIONAL AFFILIATIONS & LEADERSHIP

Member — ICpEP National (NIR)

Institute of Computer Engineers of the Philippines | Since July 2026

Secretariat & Logistics Department Head — College of Engineering Council, USLS

June 2025 – April 2026

- Managed secretariat and logistics for 5+ major events, with 85–90% on-time delivery of documentation and logistical requirements.

Executive Vice-President External — ICpEP.se, USLS

August 2024 – May 2025

- Coordinated with external organizations, achieving >90% of fundraising and activity goals across major events including NEXUS 2.0 and ICpEP Challenge R6 Hosting.

Logistics Department Vice-Head — College of Engineering & Technology Council, USLS

September 2023 – July 2024

- Coordinated end-to-end logistics for 5+ major events, including Animolympics 2024 and CETlympics 2023.

Executive Vice-President External — ICpEP.se, Region VI

November 2022 – August 2023

- Built and maintained external relations across 14 schools and chapters region-wide, supporting ICpEP Challenge R6 and regional webinar hosting.

Executive President — ICpEP.se, USLS

August 2022 – June 2023

- Led an organization of 100+ members, directing 3+ major activities with 80–90% participation, including Academic Tutorials, Snack N' Play Tournament, ICpEP Challenge R6 Hosting, and SAFEC Fundraising.

SKILLS & INTERESTS

IT Support & Networking — Ticket triage & SLA management, network setup & troubleshooting (LAN/WAN), Sophos firewall monitoring, Cisco Packet Tracer, hardware diagnostics & repair, Windows & Linux

Hardware & PCB Design — AutoCAD, Shapr3D, Proteus, PCB design & fabrication, embedded systems (ESP32, Raspberry Pi), Assembly Language

UI/UX & Software — Figma, UI/UX prototyping, Flutter, React, Node.js, SQL, Supabase

Cloud, DevOps & AI — AWS/Azure/GCP, Docker, Git, REST API integration, Claude AI, ChatGPT, Prompt Engineering, AI Automation

Project Management — Agile, Jira Cloud, Stakeholder & Client Communication, Team Leadership

Languages — English, Tagalog, Hiligaynon (Native)

Interests — PCB Design, Robotics, Internet of Things, Video Editing, Filmmaking, Mural Painting

REFERENCES

Professional and academic references are available upon request.