ALEXIS JAY CASTILLO



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SUMMARY

Reliable and adaptable individual with strong problem-solving abilities and a focus on delivering high quality results. Demonstrates the ability to work independently and collaboratively in fast paced environments while maintaining the professionalism and attention to detail. Committed to supporting organizational objectives and continuously improving skills and performance.

EDUCATION

Bachelor of Science in Computer Engineering | Urdaneta City University – Urdaneta City, Province of Pangasinan

Graduated: June 2026

TECHNICAL & PROFESSIONAL SKILLS

- **Programming Languages:** C#, C++, JavaScript, PHP, Python, SQL
- **Web & Database:** Website Management, Database Administration
- **Hardware & Systems:** Embedded Systems, Microcontrollers, PCB Design, Sequential Logic, Hardware Prototyping, Cisco Network Configuration, Cabling, and System Testing.
- **Engineering Tools:** NI Multisim, Modelsim, KiCad, AutoCAD, PuTTY, Cisco Packet Tracer.
- **Data & Analytics:** Data Management (collection and verification), Power BI, Tableau, and Data Visualization.
- **Professional Productivity:** Advanced Microsoft Office (Word, Excel, PowerPoint), Technical Documentation, Time Management and Organizational Skills.
- **Core Competencies:** Critical Thinking and Problem-Solving (analyzing data discrepancies and troubleshooting), Integrity and Professionalism (confidentiality and accountability), Adaptability, and Decision Making.

PROJECT & WEB PLATFORMS

Portfolio: Alexis Jay A. Castillo | Web Developer & Digital Creative

Smart Multi-Printer Kiosk (Thesis Project)

- Designed and implemented a kiosk system supporting multi-printer integration with user-based print options.
- Key Tech: Embedded Systems, Hardware-Software Integration.
- Link: https://smpk.ucudev.com

Faculty Attendance Monitoring System (FAMMS)

- Designed and implemented a web platform that automates faculty attendance tracking with real-time status visibility and database-driven reporting.
- Link: https://famms.ucudev.com

Cafe Crumble – Web-Based Ordering Platform

- Developed and deployed a custom website that allows users to browse the menu and place orders online.
- Link: https://cafecrumble.ucudev.com

Pomodoro Treat Timer (CEA Techno Fair & Pitch Deck Competition)

- A hardware-synchronized productivity controller implementing the Pomodoro technique with an automated reward-delivery mechanism to optimize time management and behavioral reinforcement.

Dual-Input Autonomous Smart Lighting System

- An autonomous hardware controller integrating LDR and acoustic sensors with sequential logic to provide environment-responsive lighting and sound-activated state switching.

WORK EXPERIENCE

Network Installation and Activator Intern | Mountainview Satellite Corporation – Dominican Hill Ext 2600, Baguio City Benguet

June 2025 - August 2025

- Supported staff in daily tasks, reducing workload and enabling focus on higher-priority assignments.
- Applied theoretical knowledge in real-world industry scenarios, gaining hands-on technical experience.
- Provided prompt customer support, ensuring high satisfaction among clients.

Graphic Designer | San Nicolas, Province of Pangasinan

April 2026 – June 2026

- Designed various visual materials including posters and digital graphics using Adobe Photoshop and Canva.
- Developed creative designs based on client requirements while maintaining visual quality and consistency.
- Adapted to different design requests, revisions, and deadlines to deliver effective outputs.

TECHNICAL SIMULATIONS

- **Building Network Setup:** Designing network infrastructure between devices using Cisco Packet Tracer.
- **Simple Calculator:** Using 4-bit adder, subtractor, multiplier, & comparator in NI Multisim.

CERTIFICATIONS

- **Basic Computer Literacy Program (30 Hours)**
  TESDA Accredited – Vox Humana Skills and Training Center Inc., Urdaneta City, Pangasinan | Sept 2016
- **Certificate of Recognition – Smart Multi-Printer Kiosk**
  Urdaneta City University | June 2025
- **Certificate of Completion – 240-Hour Engineering On-the-Job Training**
  Mountainview Satellite Corporation | 2025