



BRIAN EZEKIEL D. BATALON

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SUMMARY

Licensed Electronics Engineer and Electronics Technician with hands-on experience in embedded systems, IoT automation, PCB design, and AI-driven applications. Experienced in developing hardware–software integrated systems from concept to prototype, including computer vision and deep learning implementations. Strong background in technical troubleshooting, telecom field operations, and data annotation for machine learning systems.

WORK EXPERIENCE

Freelance - Electronics Project Developer	2023 - Present
- Designed and built IoT and automation systems from circuit design to deployment - Developed embedded systems integrating sensors, microcontrollers, and software interfaces - Implemented computer vision and deep learning models for applied engineering problems	
MCRI Global Corp. - Freelance Data Annotator	2026
- Annotated and evaluated text datasets for LLM training pipelines - Ensured high-quality labeling standards for model alignment and accuracy - Performed quality assurance on AI training datasets	
Inspiring PG, Inc. - Telecommunications Engineer Intern	2024
- Completed 240-hour telecom internship supporting network operations - Assisted in fiber optic splicing and hardware troubleshooting - Supported field operations for network stability and maintenance (Globe systems)	
Freelance - Sound Technician	2018 - 2024
- Managed live audio systems for events with 300+ attendees - Operated professional audio mixers and real-time signal adjustments - Diagnosed and resolved hardware/audio failures during live events	

EDUCATION

Bachelor of Science in Electronics Engineering	2021 - 2025
University of Rizal System - Morong	
- GWA: 1.60 - Thesis: "IncuVision: An Enhanced Chicken Egg Incubator with Computer Vision for Fertility Detection (Copyright Applied/Patent Pending)"	
Science, Technology, Engineering and Mathematics	2019 - 2021
Angono National High School	

TECHNICAL SKILLS

Programming Languages: Python, C++, HTML, CSS, SQL, JavaScript (JS) EDA & Simulation Software: Multisim, Proteus, EasyEDA, AutoCAD, FreeCAD, Logisim Engineering Specialties: AI Integration, IoT & Automation, Circuit Designing, Deep Learning, Machine Learning, Computer Vision Core Competencies: Technical Troubleshooting, Technical Support, Research & Development (R&D), Live Audio Engineering, Project Management	
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LICENSES, CERTIFICATIONS & HONORS

Professional Licenses: Licensed Electronics Engineer (ECE) Licensed Electronics Technician (ECT) Certifications & Training: Safety Officer 2 (DOLE) Cisco Networking Academy (Ethical Hacker, Apply AI, Linux Unhatched & OS Basics) Honors & Leadership: Best Developmental Research Award (URS-Morong) Vice President for Academic Affairs – IECEP-URSMSC	
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REFERENCES

- Jenadel DL. Antipolo, ECE University Instructor, URS 0976 206 1923 jenadel.antipolo@urs.edu.ph - Erickson T. Marcos, ECE University Instructor, URS 0930 356 0161 erickson.marcos@urs.edu.ph - Paul Arvy Alfonso University Instructor, URS 0993 904 2448 tsunaalfonso@gmail.com - Joemer G. Mendoza, ECE Test Engineer joemer1017@gmail.com	
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