



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

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

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

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

Inspiring PG, Inc. - Telecommunications Engineer Intern 2018 - 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)

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

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

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
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