

EMMANUEL L. ALCAZAR, JR.

ELECTRONICS ENGINEER AND ELECTRONICS TECHNICIAN

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PROFESSIONAL SUMMARY

Electronics Engineer with experience in embedded systems, circuit design, CCTV systems, and network installation, with a strong foundation in troubleshooting, technical documentation, and site implementation. Skilled in Python, C, and Java, with exposure to AI fundamentals, cross-functional coordination, risk assessment, and project support as a trained Safety Officer 2 and Site Engineer.

CORE COMPETENCY AND SKILLS

- Systems Analysis and Design
- Programming: C, Java, Python, JavaScript
- Database Management: SQL and Relational Databases
- Embedded Systems Development
- Electronics Troubleshooting and Circuit Design
- AI and Machine Learning Fundamentals
- LLM and API Integration
- CCTV and IoT Systems Integration
- Ultrasonic Sensor Applications
- System Testing, Debugging, and Troubleshooting
- Technical Documentation and User Support
- Project Management and Team Collaboration
- Safety Compliance and Safety Officer Experience

PROFESSIONAL EXPERIENCE

Electronics Engineer

REYBIN INC | 2026 - PRESENT

- Trained Safety Officer 2, with working knowledge of site safety practices and compliance.
- Involved in project management activities, supporting planning, coordination, and implementation.
- Serves as Site Engineer for implementation tasks, ensuring proper execution of on-site work.
- Applies skills in network systems and coordinates effectively with different departments to support project requirements.

Intern

JG Summit Olefins | 2024

- Assigned to the Power and Development Department, specifically working at a polymer plant substation.
- Conducted preventive maintenance on various equipment with a focus on transformers for most of the time.
- Proficient in using Megger equipment for insulation testing and skilled in frequency matching techniques.
- Ensured operational reliability and safety of substation equipment through routine inspections and maintenance.

EDUCATION

- **Bachelor's Degree in Electronics Engineering | 2025**
University of Santo Tomas-Legazpi

Licenses and Certificates

- Electronics Engineer License (ECE)
- Technological Learning of Internetworking end devices as part of building the ICT Infrastructure
- Electronics Technician License (ECT)
- Safety Officer 2
- Certificate of Completion – Project Management Professional (PMP) Certification Prep Full Course, 35-hour training, May 2026
- Data Analyst Associate Certification (Data Camp)
- AI Engineer for Developers Associate Certification (Data Camp)