

**NELSON GALICIA JR**

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PROFESSIONAL SUMMARY

Electronics and Communications Engineering graduate with practical experience in embedded systems, mobile application development, and electronic device servicing. Skilled in programming ESP32 microcontrollers using PlatformIO, developing Flutter-based interfaces, and integrating GPS navigation and tactile feedback systems. Background includes strong cross-functional experience in technical support, documentation, and multimedia content creation. Committed to continuous learning with recent certification in AI-enhanced career tools.

EDUCATION**Bachelor of Science in Electronics Engineering**

Emilio Aguinaldo College – Cavite | Graduated: July 2025

TECHNICAL SKILLS

- **Embedded Systems:** ESP32 Programming, PlatformIO IDE
 - **App Development:** Flutter, Dart, Visual Studio Code
 - **Circuit Tools:** LTSpice, L-Edit (Basic)
 - **Testing and Maintenance:** Preventive Maintenance, Troubleshooting, Configuration
 - **Mapping & Navigation:** Google Maps API, MapLibre Integration
 - **Documentation:** Microsoft Word, Excel, PowerPoint, Service Logs
 - **Creative Tools:** Canva, CapCut, Meta Business Suite
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PROJECT EXPERIENCE**Thesis Development – VibTrack Shoe Navigation System**

Emilio Aguinaldo College – Cavite | Feb 2025 – July 2025

- Developed a wearable navigation system utilizing GPS-based feedback and vibration cues.
 - Programmed dual ESP32 microcontrollers for wireless communication using Bluetooth and ESP-NOW.
 - Created a mobile app in Flutter with offline and online navigation capabilities using MapLibre and Google Maps API.
 - Conducted user testing to assess response times, GPS accuracy, and tactile feedback effectiveness.
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ENGINEERING EXPERIENCE**Field Service Engineer (Internship)**

Biosyn Healthcare System, Inc. | June – July 2024

- Conducted preventive maintenance & troubleshooting of ultrasound devices across healthcare facilities.
- Installed and configured over 20 units, improving up-time and reducing service calls.
- Maintained repair logs and documentation to improve service response time by 25%.
- Supported technical setup for live medical events.

PROFESSIONAL EXPERIENCE

Technical Assistant 1

Department of Education – School Division of Paranaque | Sept 2025 - Present

- Assist Schools through the matrices for WinS Program
- Document and Data Analyze information provided by the Schools

Social Media Marketing Assistant

Vila Istana Imus Staycation | Mar 2022 – Jan 2024

- Created graphic and video content that increased engagement by 40%.
- Ran Facebook and Instagram campaigns, growing audience by 10% in 6 months.
- Managed customer queries and booking coordination via social platforms.

Customer Service Representative – Non-Voice

Teleperformance, Pasay | 2019 – 2020

- Resolved customer concerns via chat/email platforms with a 90% satisfaction rating.
- Handled 50+ daily support tickets and trained incoming support staff.
- Streamlined issue escalation and documentation procedures.

Restaurant Assistant / Cake Designer

Ashwin's Bakeshop & Restaurant | 2017 – 2019

- Designed over 200 custom cakes while managing stock inventory.
- Reduced ingredient waste by 15% and improved quality control.

Travel Reservations Officer

St. Michael Explorer Travel & Tours | 2014 – 2017

- Coordinated more than 300 travel bookings annually with 99% error-free reservation rate.
 - Contributed to 20% sales increase through package upselling and customer retention strategies.
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CERTIFICATIONS

- **ChatGPT Certificate: Mastering Career Growth with AI**
JobStreet by SEEK | Issued: July 8, 2025
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LICENSES & ELIGIBILITY

- **Civil Service Eligibility – Professional**
Effectivity Date: May 9, 2024
Examinee No. 589206
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SOFT SKILLS

Problem Solving • Team Collaboration • Technical Communication • Creativity
Adaptability • Time Management • Customer Service • Initiative

References available upon request.