

NÉSTOR DANIEL CABRERA GARCÍA

Software Engineer | Industrial Systems | IoT & Automation

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PROFESSIONAL SUMMARY

Software Engineer and **Higher University Technician in Software Development** with strong focus on industrial systems, process automation, and scalable web solutions. Experienced in real-world projects across industrial, fintech, education, and IoT domains. Proven ability to translate operational needs into efficient technical solutions, optimizing maintenance, sales, and academic processes.

PROFESSIONAL EXPERIENCE

Global Safety Textiles (GST) — Software Developer (Industrial Systems)

2025 – Present

- Development of industrial software solutions focused on preventive and corrective maintenance.
- Automation of internal processes to reduce downtime and operational errors.
- Creation of digital tools for maintenance tracking, workflow optimization, and data visualization.
- Close collaboration with production areas to align software with real industrial operations.

Comedores de la Fuente — POS System Developer

Sep 2023 – Feb 2024

- Designed and implemented a Point of Sale (POS) system to optimize sales and inventory processes.
- Translated client requirements into functional technical solutions.
- Integrated databases and business management tools.
- Delivered documentation, user training, and conducted functional software testing.

El Tinacón — IoT & Embedded Systems Developer

Sep 2024 – Apr 2025

- Developed an IoT system for monitoring stored water quality.
- Measurement and visualization of pH, turbidity, temperature, water level, and TDS (PPM).
- Integration of sensors, backend services, and data visualization dashboards.

IESIZ University — Full Stack Developer

May 2025 – Aug 2025

- Development of a comprehensive Academic Management System (SIAA).
- Design and implementation of a Learning Management System (LMS) including courses, users, content, and evaluations.
- Creation of institutional landing pages and embedded access control systems.
- Focus on scalability, security, and user experience.

HACKATHONS & PROJECTS

HackMTY 2024 (Tecnológico de Monterrey)

- AI-powered chatbot developed for Banorte, focused on automated customer assistance.

HackMTY 2025

- AI-based Party Budget system for Capital One, providing intelligent financial planning and recommendations.

EDUCATION

Bachelor of Engineering in Software Development

Universidad Tecnológica de Torreón — Expected Graduation: December 2026

Higher University Technician in Software Development

Universidad Tecnológica de Torreón — Completed

Technical High School in Computer Systems

Bachillerato Técnico Industrial de La Laguna (2020 – 2023)

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript, Python, Java, C#, Swift, CSS

Frameworks & Frontend: Laravel, Vue.js, Angular, React, Astro

Databases: MySQL, MongoDB

Tools & DevOps: Git, GitHub, Docker

Other: Industrial Software, IoT Systems, Embedded Systems, Process Automation

LANGUAGES

English — B2 (Upper-Intermediate)

Spanish — Native