

# Alejandro Núñez Pérez

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## About Me

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Hello! I'm Alejandro, a Software Engineer with over five years of experience across multiple roles and a hunger for learning new things.

When it comes to work, I am most interested in information transformation pipelines, distributed systems, and knowledge sharing.

Personally, my hobbies include finances, anything related to maps, and board games.

## Skills and Credentials

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**Customer Support Veteran:** Extensive experience in managing customer expectations, providing technical solutions, and ensuring customer satisfaction in high-pressure scenarios

**Software Development Expertise:** Well-versed in Java, Python, and C/C++ development, testing, packaging and distribution for diverse projects and applications

**Quality Assurance Focus:** Strong advocate for test-first and quality-oriented development, with the ability to adapt and balance quality considerations against project constraints

**DevOps and CI/CD Pipelines:** Experienced in designing, building, and maintaining CI/CD pipelines to streamline software quality and delivery processes

## Professional Experience

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**Senior Software Engineer**, Real-Time Innovations – Hybrid (Granada or Remote) Apr 2024 – present

Part of the API, later GPP development teams focused on the Connex Professional products.

- Maintained an internal, distributed testing Python framework for RTI products.
- Retrofitted the Java API while keeping backwards compatibility, reduced the number of known memory leaks by >90%.
- Developed a new internal web server for storing and visualizing performance data using FastAPI, with a MongoDB database backend.

**Software Engineer**, Real-Time Innovations – Hybrid (Granada or Remote) Nov 2019 – Apr 2024

Part of the Support team, providing low-level, technical support to worldwide customers across multiple industry verticals, with a focus on the EMEA and APAC regions.

- Resolved customer time-sensitive escalations on critical deployments.
- Maintained multiple branches of support releases, built and delivered patches.
- Led newcomers through onboarding, taught soft and hard skills.

## Education

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**MBA Ediae, Cámara de Comercio**, Business – Granada, Spain Nov 2024 – present

General MBA focused on wide-area knowledge of managing a business, including Strategy, Marketing and Finances.

**BS Universidad de Granada**, Computer Science – Granada, Spain Sept 2015 – Sept 2019

Basics of Computer Science, including Algorithm Design, Data Structures, Networking and Distributed Systems.

- Honors in Modern Multi-paradigm Programming.