

# 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. These include technical Support with a focus on personal interaction and management, and actual Development for both traditionally and as-a-Service deployed software, using different stacks.

When it comes to work, I am most interested in building information transformation pipelines. But overall, I am happy with taking on new challenges and sharing my own knowledge with my peers.

## 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.

## 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 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.

## Hard Skills

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**JVM:** Very well-versed in Java, have dabbled with Kotlin, Scala and Groovy. Familiar with JVM internals and JNI

**Python:** Very well-versed in Python and popular frameworks. Built and internally distributed multiple packages

**JavaScript:** Acquainted with the language and Node-specific FFI packages such as Koffi

## Soft Skills

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**Communication:** Well versed in written and spoken communication, internal or external

**People Management:** Acquainted in mentoring and managing people