

Alejandro Núñez Pérez

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ABOUT ME

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

I'm passionate about technology and enjoy working in dynamic environments that challenge me to grow both personally and professionally.

My interests include continuous improvement, quality assurance, distributed systems, and customer satisfaction.

SKILLS AND QUALIFICATIONS

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 development, testing, packaging and distribution for diverse projects and applications. Particularly experienced in Java, Python and C/C++ ecosystems.

Distributed Systems and Networking: Strong understanding of distributed systems, networking protocols, and real-time data processing, with hands-on experience in implementing and debugging complex systems.

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

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Development, Real-Time Innovations Apr 2024 – present

- Maintained and enhanced an internal distributed testing framework in Python, ensuring comprehensive quality assurance across RTI's product suite.
- Enhanced the Java API with new features to achieve cross-API consistency while identifying and resolving memory leaks, eliminating over 90% of reported issues.
- Architected and implemented a performance monitoring web server using FastAPI and MongoDB, enabling real-time data visualization and analytics for internal development teams.

Software Engineer, Support, Real-Time Innovations Nov 2019 – Apr 2024

- Resolved time-critical customer escalations on mission-critical deployments across EMEA and APAC regions, ensuring minimal downtime and maintaining high customer satisfaction across diverse industry sectors.
- Managed multiple support release branches, delivering targeted patches and hotfixes to address customer-specific issues while maintaining product stability.
- Mentored and trained new hires and interns in advanced troubleshooting methodologies and debugging techniques, accelerating their technical proficiency and team integration.

EDUCATION

ediae, Cámara de Comercio, MBA in Business Administration – Granada, Spain Nov 2024 – Aug 2025
Comprehensive business management program covering finance, marketing, operations, and leadership skills.

Universidad de Granada, BS in Computer Science – Granada, Spain Sept 2015 – Sept 2019
Studied core computer science topics including algorithms, data structures, software engineering, databases, and networking.

- Honors in Modern Multi-paradigm Programming, using Scala.