Alejandro Manuel Navarini | Senior Software Engineer

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Summary

Senior Backend Engineer with a passion for technology and a commitment to continuous improvement. I excel in solving complex problems with a proactive and solution-oriented mindset. My curiosity drives me to stay updated with the latest industry trends, and my experience spans a wide range of technology stacks. I specialize in creating scalable, efficient, and resilient backend systems that meet the demands of challenging environments. My main areas of interest are Machine Learning and Finance.

Experience

Senior Backend Engineer – Agile Engine | *November 2022 – Present*

- Developed and maintained backend applications using FastAPI, Django, and Flask, delivering high-performance, scalable, and reliable solutions.
- Implemented Machine Learning features, including Neural Networks and Retrieval-Augmented Generation (RAG) with Large Language Models (LLMs), to significantly enhance product capabilities and user experience.
- Collaborated with stakeholders to align project milestones with business objectives, ensuring seamless communication and successful execution throughout the development cycle.
- Conducted technical interviews to assess engineering candidates, playing a key role in building a high-caliber team.

Full-Stack Engineer – Mutual de Socios AMR | *January 2021 – November 2022*

- Developed and maintained robust full-stack applications using .NET Core for backend and Next.js for frontend, utilizing both SQL and NoSQL databases.
- Configured and managed CI/CD pipelines with Gitlab CI, implementing Docker and Kubernetes for containerization and orchestration, reducing deployment times and improving system reliability.
- Collaborated effectively with team members and stakeholders, consistently delivering high-quality solutions that contributed to project success.

Backend Engineer – Kretz SA | *December 2019 – July 2020*

- Performed maintenance and development tasks on software using Java, GitLab, Ionic, HTML, and CSS, improving overall software quality.
- Contributed to the design and implementation of new features, enhancing user experience and operational efficiency.
- Worked closely with team members to identify and resolve issues, ensuring smooth software performance.

Education

Information Systems Engineering | *2017 – 2023*
Universidad Tecnológica Nacional FRRO, Information Systems Engineer

MSc in Finance | *2025 - 2027*
Master of Science, Universidad del CEMA

Technical Stack

- Python, FastAPI, Django, Flask
- LLMs, RAG, AI/ML
- Next.js, React, TypeScript
- AWS, Terraform, Docker, Kubernetes, CI/CD, GitOps

Languages

- Spanish: Native
- English: C1 (Certified)
- German: B1 (Certified)
- Portuguese: Basic
- French: Basic