

# Iñaki Fernando Lozano

Tucumán, Argentina

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## ABOUT ME

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I'm a driven and enthusiastic Computation Engineering student with a strong interest in technology and innovation. Throughout my studies and personal researching I've developed a broad range of technical skills, such as programming, front and back end development, databases administration, artificial intelligence and DevOps Skills.

## EXPERIENCE

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### Software Engineering

Court of accounts of Tucumán

Argentina

Nov 2023-Present

- Main researcher and developer of a solution for security and integrity of documents and reports, based in European Union Standard for Advanced Electronic Signatures. Developed API and module for signing and validating PDFs and reports giving the organization strong abilities for inter-operating securely with other institutions.
- Implemented CI/CD pipelines in a proprietary servers, deployed and managed applications in Docker and configured networking.
- Designed business logic of complete Full Stack modules for a Document Management System (Official Communications, Signature and Validation, Personal Desk). With the official communications module, I've digitalized a process and made it more efficient and flexible thanks to a thoughtful implementation.

### Back End Developer

A Startup Project from Tucumán

Argentina

Jan 2024-Oct 2024

- Designed database model and business logic for an e-commerce implementation, researching state of the art scalable structures from big projects. Gave the project the ability to scale strongly, with no concern about high demand problems.
- Developed RESTful API backend for generic products of the e-commerce, with special attention in scalability, testing and deployment in Google Cloud Platform. Provided full testing report and documentation, giving partners the ability to integrate seamlessly with my API.

## SKILLS

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**Skills:** Python, Flask, Java, Spring, SQL, JavaScript, React, GCP, Docker, Typescript, PHP, Codeigniter

## PROJECTS

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### inakiserver.lat

2025

Built a CMS for modern portfolios where the developer can manage his experience, skills, projects and even a web blog via a admin dashboard in the backend. Used Typescript and Next.js with a MongoDB solution and caching for the different pages with Redis.

## EDUCATION

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### University of Tucumán, Argentina

Computer Engineering

2019-2025