

José Sáenz

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SUMMARY

Software developer with expertise in Python and backend technologies, including Flask, FastAPI, and pytest. building high-performance systems designing scalable APIs, microservices, and robust database architectures.

SKILLS

Languages: Python, Java, SQL
Technologies and tools: Flask, FastAPI, pytest, Spring, Jmeter, Junit, Postman, Git, Azure, PostgreSQL, SQL server, MongoDB.

WORK EXPERIENCE

INA Internship May 2021 – Sep 2021
Frontend Developer

- Redesigned UI/UX components according to modern and accessibility web standards, implementing responsive layouts that resulted in measurable improvements to both usability metrics and aesthetic quality.
- Developed a complete SEO strategy enhancement that collectively drove a 60% increase in organic website traffic, while simultaneously implementing performance upgrades that reduced page load times by an average of 40%.
- Built a departmental information website that enhanced inter-collaborator communication by 50% by eliminating redundant questions and correcting misinformation through streamlined data validation processes.
- Javascript, Bootstrap, html, css, Motion.

APPLICA S.A May 2023 – Present
Full Stack Developer

- Developed an appointment management system that automated exam scheduling, provided real-time calendar synchronization, increasing administrative productivity by 90% while reducing scheduling errors to near-zero.
- Created the official Megatec 2025 website with an integrated ticketing platform featuring automated registration processing, contributed to a 40% increase in ticket sales compared to previous manual processes.
- Redesigned and modernized the official Aplica website resulting in a 50% longer average session duration and significantly improved professional perception based on user feedback surveys.
- Python, Flask, PostgreSQL, ReactJS.

PROJECTS

Botland
Application that is integrated with OpenAI's API to offer customizable chatbot solutions. The platform enabled businesses to create tailored AI assistants based on their specific operational requirements.
Python, OpenAI, Flask, Bootstrap, html, js, CosmosDB.

Imagine
Paints E-Commerce Application – A user-friendly platform where customers can create accounts, browse an extensive paint catalog with advanced search/filter options, save selections to their shopping cart, and complete secure purchases.
ReactJs, Tailwind, Motion, NodeJs, ExpressJs, PostgreSQL.

EDUCATION

Universidad CENFOTEC May 2022 – Present
Software Engineering
Relevant course work: Program with patterns, OOP, IA programming, Azure Cloud, Scrum