

Francisco Vacs

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SUMMARY

Final-year Information Systems Engineering student with experience in web and mobile development, technical team leadership, and IT support across Linux environments, networks, and infrastructure. Focused on building scalable, maintainable solutions, with a particular interest in integrating artificial intelligence into software engineering. I keep up to date with advances in AI and their application to improving development processes. I am also an audiovisual producer with a passion for filmmaking.

PROFESSIONAL EXPERIENCE

Municipality of Rosario | Secretariat of Public Health

Rosario, Argentina

IT Support and Infrastructure Intern

Oct. 2026 – Present

- Provide technical support and resolve incidents in **Linux** environments.
- Configure and maintain computer networks.
- Install, configure, and maintain operating systems and applications.
- Perform preventive and corrective maintenance on computer equipment.

Cunumi APP

Rosario, Argentina

Software Development Lead (Independent Contract)

May 2026 – Present

- Lead the development of a web and mobile platform using **React**, **TanStack**, **Capacitor**, **PostgreSQL**, and **Supabase**.
- Coordinate a team of two developers, planning and assigning tasks using **Scrum** practices and specification-driven development (**SDD**).
- Integrate artificial intelligence into the software development process using **AI agents**.
- Design the system architecture and oversee software quality through code reviews and pull requests on **GitHub**.

Profitwell

Rosario, Argentina

Python Developer - Technical Internship

Aug. 2021 – Nov. 2021

- Developed automation tools by integrating **APIs and databases**.
- Collaborated using **Agile methodologies (Scrum)**.
- Managed source code and version control using **Git and GitHub**.

RELEVANT PROJECTS

Ticketing Platform

Rosario, Argentina

Full-Stack Developer

Jul. 2024 – Feb. 2025

- **Frontend:** Designed and built a comprehensive event management platform using **Angular** and **Tailwind CSS**.
- **Backend:** Developed a robust RESTful API for user authentication, event management, and galleries, implementing data persistence.
- **Business logic:** Implemented algorithms for dynamic ticket generation, automated email delivery, and payment gateway integration.

EDUCATION

UNIVERSIDAD TECNOLÓGICA NACIONAL

Rosario, Argentina

Information Systems Engineering - In progress, 5th year

Mar. 2022 – Present

EDUCATION (continued)

ESCUELA PROVINCIAL DE CINE Y TELEVISIÓN	Rosario, Argentina
Audiovisual Production Technician	Mar. 2022 – Dec. 2025
INSTITUTO POLITECNICO SUPERIOR GENERAL SAN MARTIN	Rosario, Argentina
Computer Systems Technician	Mar. 2016 – Dec. 2021

SKILLS

- **Technical skills:** Node.js, TypeScript, Angular, React, React Native, Expo, Supabase, PostgreSQL, Python, Capacitor, Bash, TanStack.
- **Tools and methodologies:** Git / GitHub, REST APIs, Agile methodologies, SDD, AI agents.
- **Additional skills:** Teamwork, Analytical problem solving, Effective communication, Proactivity, Project management, Leadership.

LANGUAGES

- English: Advanced (Cambridge First Certificate - B2)
- Spanish: Native