



Juan Alejandro Pérez Bermúdez

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Personal Summary

Proactive Systems and Computer Engineer with a strong interest in software development and modern technologies.

Highly motivated to continuously learn, adapt to industry standards, and contribute to high-quality technical solutions while growing professionally.

Also, I am passionate about technology communities, open-source software, and events organization.

Education

Universidad Tecnológica de Pereira, BS in Systems Eng. – Pereira, Colombia Feb 2020 – July 2025

- Participation in different events of the Regional Network of Research Seedbeds.
- Participation in the logistics of events such as FLISoL or QAConf.

Experience

Fullstack Developer, Webspro – Pereira, Colombia Dec 2024 – Aug 2025

- Adapted and deployed Unity projects to WebGL, integrating them with React-based web applications.
- Developed RESTful APIs with FastAPI, ensuring performance, scalability, and clear documentation.
- Managed backend services with Supabase, including authentication, database design, and access control.
- Lead development teams, coordinating tasks, and ensuring project delivery.

Mobile Developer, JUAN FERNANDEZ T.A.E. – Remote Aug 2025 – present

- Continue the develop of a cross-platform fitness application using Flutter, delivering a consistent and high-performance experience on both iOS and Android.
- Integrate application with Firebase services for authentication, messaging, and cloud storage, enhancing user engagement and data management.
- Collaborated on functional requirements and UX decisions to align technical implementation with user needs and business goals.

Skills

Languages: English (B1), Spanish (Native)

Code Languages: Python, Flutter, JavaScript, TypeScript, Java

Infrastructure: Docker, Firebase, Supabase, Digital Ocean, Google Cloud

AI-assisted Development: Cursor (AI IDE), GitHub Copilot, ChatGPT

Testing Frameworks: Selenium, WebdriverIO, Playwright

Invited Talks

1. Testing en tiempos de DevOps — FLISOL Pereira (2023)
2. En Defensa del Testing — FLISOL Bogotá (2024)
3. FLOSS en la Academia y la Industria: Importancia, Reto y Oportunidades — Software Freedom Day Pereira (2025)

Last Completed Courses

Curso de Django Rest Framework: Approved in december 22th, 2024

Curso de Docker: Fundamentos: Approved in june 16th, 2025

Curso de Flutter: Approved in september 28th, 2025

Curso de Fundamentos de Pruebas de Software: Approved in february 8th, 2025

Participation in Events

FLISOL 2023 - Pereira: Staff member and speaker.

FLISOL 2024 - Pereira - Ibagué - Bogotá: Staff member and speaker.

FLISOL 2025 - Pereira: Staff coordinator and event host.

Software Freedom Day 2023 - Pereira: Staff member.

Software Freedom Day 2024 - Pereira: Panel moderator.

Software Freedom Day 2025 - Pereira: Logistics manager and speaker.

QAConf 2024 - Pereira: Founder and organizer.

QAConf 2025 - Pereira: Founder and organizer.

Open Tech Hackathon 2025 - Pereira: Staff member.

Pereira Tech Talks: Staff, Venue management and Speakers finder.

Personal References

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