

# Juan Alejandro Pérez Bermúdez

📍 Dosquebradas, Colombia    ✉ personal.jperez@gmail.com    ☎ 323 3280136    🌐 mega-barto  
🔄 Mega-Barto    ✕ Mega\_Barto    🖱 Mega-Barto    🌐 megabarto.com

## Personal Summary

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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.

Passionate about technology communities, open-source software, and event organization.

## Education

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**Universidad Tecnológica de Pereira**, Bachelor's in Systems and Computer Engineering – Pereira, Colombia      Feb 2020 – July 2025

- Participation in different events of the Regional Network of Research Seedbeds with SONAR I.S.C, a software quality research seedbed led from 2022 to 2024.

## Experience

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**Distribution Engineer**, Dailybot – Remote      June 2026 – present

- Developing and maintaining the distribution system for the Dailybot platform and related projects, ensuring efficient and reliable delivery of products and their updates to customers.
- Collaborating on the general development of the Dailybot platform and related projects, ensuring the delivery of high-quality features to customers.

**Mobile Developer**, JUAN FERNANDEZ T.A.E. – Remote      Aug 2025 – June 2026

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

**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.
- Led development teams, coordinating tasks, and ensuring project delivery.

## Projects

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**PR Extractor**      2026 – present

**Legendary Pokedex API**      2026 – present

**pereiratechtalks.org**      2025 – present

## Skills

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**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

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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

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**Django Rest Framework Course:** Approved on December 22, 2024

**Docker Fundamentals Course:** Approved on June 16, 2025

**Flutter Course:** Approved on September 28, 2025

**Software Testing Fundamentals Course:** Approved on February 8, 2025

**Flutter with Firebase Course:** Approved on January 5, 2026

## Participation in Events

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**FLISOL — Pereira (2023–2026); Ibagué and Bogotá (2024):** Staff and speaker (2023–2024); staff coordinator and event host (2025); co-organizer and event host (2026).

**Software Freedom Day — Pereira (2023–2025):** Staff (2023); panel moderator (2024); logistics manager and speaker (2025).

**QAConf — Pereira:** Founder and organizer.

**Open Tech Hackathon 2025 - Pereira:** Staff member.

**Tribu Hackathon 2026 - Cartago:** Participant in team "418 I'm a Teapot", won 3rd place.

**Pereira Tech Talks:** Staff, venue management, and speaker recruitment.

## Personal References

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**Eng. Juan de Jesús Fernandez**

Senior Software Test Automation Engineer

juan.isfg@gmail.com

**Eng. Sebastian Agudelo Morales**

Software Test Automation Engineer at EPAM

sebastian.agudelo2@utp.edu.co

**Eng. Abdénago López Hernandez**

QA Engineer at FirmScribe

abdenagoingeniero@gmail.com