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Website: https://juanfranciscoperez.es/

Education:

- Bachillerato Ciencias Sociales 2017 – 2019 (Matrícula de honor)

- Superior Technician in Cross-platform application development

- External courses:

  - Python 101 for Data Science

Technical Skills:
- Programming: Java, Kotlin, Python, TypeScript, JavaScript
- Web Technologies: HTML, CSS
- Frameworks:
  - Backend: Spring Boot, REST APIs
  - ORM Frameworks: JPA (Java Persistence API), Hibernate
  - Frontend: Angular, Jetpack Compose (Android)
- Testing: JUnit, Mockito
- Databases: Oracle, Postgres, DBeaver, MySQL,
- Security: Spring Security, JWT (JSON Web Token), OAuth
- CI/CD: Jenkins, GitLab, GitHub.
- Cloud and Containerization: Docker, Kubernetes, Microservices development

Professional profile:
- Full Stack Web Developer (5 months)

  - Experience working as a full stack developer, using Angular for the frontend and Spring Boot Java for microservices on the backend. I contributed to designing and implementing user interfaces and learned how to integrate them with backend services. This hands-on experience helped me develop skills in writing scalable and maintainable code, and it provided me with a deeper understanding of how frontend and backend components work together in a real-world application. During this experience, I also began using unit testing with JUnit and started getting familiar with integration tools like Jenkins for building processes with Docker and Kubernetes.

- Full Stack Mobile Developer (8 months)

  - Specialized in developing mobile applications with a backend powered by Spring Boot and a frontend built with Android Studio using Kotlin and Jetpack Compose. Played a key role in developing a substantial portion of an office space reservation app, managing the frontend, the backend and the database. To ensure code quality and reliability, I created unit tests using JUnit and Mockito. Additionally, I have learned the behavior of coroutines in an app, which has benefited my personal projects that I will discuss next, allowing me to create more efficient applications.

My portfolio of personal projects, which you can view on my website:

- [Callejero Test:](#)
  - My first project, where I crafted an algorithm that generated random routes through the streets of Zaragoza and presented users with questions about which path was correct. This project allowed me to delve into web development and helped me develop basic skills in HTML, CSS, and JavaScript, laying the foundation for my growth as a developer.
- [Debt App:](#)
  - Represents a significant advancement in my skill set, as it allowed me to apply the knowledge and techniques I had acquired. This project involved the creation of an application designed to manage expenses between contacts. It features a secure backend with API calls utilizing JWT authentication for enhanced security measures. Additionally, the app incorporates a Python FastAPI integrated with Twilio, facilitating the sending of SMS verification codes to validate user phone numbers during registration.
- [ZGZ Emergency Map:](#)
  - Developed an application to display daily emergencies in Zaragoza using the Google Maps API. The backend, built with Spring Boot, handles retrieving and storing data from the Zaragoza City Council's API in the database. Implemented unit tests using JUnit and Mockito to ensure code quality.