FERMIN LASARTE

Buenos Aires, Argentina.

[LinkedIn](#) | [GitHub](#) | [Email](#)

ABOUT ME

Senior Systems Engineering student (UNICEN) with a strong focus on backend (Java, Python) and mobile (Flutter) development. I have practical experience building end-to-end solutions, from system architecture to the user interface. My B2 English level allows me to collaborate effectively in international and multidisciplinary teams. I am eager to bring my technical skills and a product-oriented mindset to a high-growth environment, helping to build and optimize scalable software.

EXPERIENCE

Freelance Mobile Developer   *Argentina*

Creator of [TravelPic](#)   *2024 – 2025*

- Architected an 'Uber for photographers' platform using Flutter, allowing users to hire photographers via a radius-based search.
- Integrated the Stripe payment gateway and implemented a live map with directions (Google Maps).
- Optimized application performance and proactively resolved bugs, ensuring high availability and a seamless user experience.
- This application is live on the app stores, processing payments and serving an active user base.

Independent Mobile Developer   *Argentina*

Creator of [DeporTurnos](#)   *2021 – 2023*

- Engineered a Flutter-based platform for sports complexes to manage real-time bookings.
- Architected the serverless backend using Firebase (Firestore for real-time data and Cloud Messaging for Push Notifications).
- Integrated the Mercado Pago payment gateway and built a native real-time chat feature from scratch.
- This platform is fully deployed and actively manages user-to-facility communication and bookings.

SKILLS

Languages	Java, Python, Swift, Objective-C, Dart, JavaScript, C++, C, C#, .NET
Backend & Cloud	API Rest, Firebase, Docker
Databases	PostgreSQL, MongoDB
Mobile & Frontend	Flutter, HTML, CSS
AI & Machine Learning	Artificial Intelligence, Machine Learning, Rasa
Tools & Methodologies	Git, GitHub, XCode, Testflight, Scrum

PROJECTS

Academic Project: Compiler Design   *2025*

Architected a full Java-based compiler, managing the entire pipeline from lexical analysis to code generation.

Academic Project: AI Chatbot   *2023*

Developed an AI-powered conversational chatbot using Rasa and Python, implementing NLU models to handle user intents.

LANGUAGES

Spanish	*Native*
English	*Upper Intermediate (B2)*
French	*Upper Intermediate (B2)*

EDUCATION

Universidad Nacional del Centro de la Provincia de Buenos Aires, Argentina   *2020 – 2026*

System Engineering