

Jose Izarra

Madrid, Spain

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Eligible to sign internship agreement via IE University.

SUMMARY

Driven student with a passion for creation and performance. Skilled in full-stack development, AI implementations and DevOps/CI-CD workflows. Lead developer in a technology startup. Proficient in TypeScript, Python and making user-centric applications. Seeking software development opportunities with a company looking to make an impact in the world. Available from July 2026.

EDUCATION

IE UNIVERSITY (IEU)

Madrid, Spain

Bachelor in Computer Science and Artificial Intelligence

Expected: July 2026

- Relevant subjects: Software Dev. & Devops (9.0/10), Databases (9.1/10), Computer Programming in C (9.2/10)
- GPA: 8.54 / 10

EXPERIENCE

MVST – Venture Builder

Barcelona, Spain

FULL-STACK DEVELOPER INTERN

June – November 2025

- Contributed to 2 end-to-end client projects, working across production-grade codebases to the frontend, backend, cloud deployments and CI/CD pipelines.
- **Liesl App (Switzerland):** Developed and launched a mobile and web platform connecting dog sitters and owners, scaling to +5.000 users (React, Native, NextJS, NestJS).
- **Keyoniq (Healthcare Platform):** Built 2 dashboards for doctors and patients using Vite + React and integrated backend services for automated PDF generation workflows using NestJS.
- Collaborated within two different 5-person agile teams, participating in sprint planning, code reviews, and continuous delivery.

theHouse – Technology Startup

Madrid, Spain

LEAD SOFTWARE DEVELOPER

May 2024 – July 2025

- Led frontend development (UI/UX) of DASH, a payment gateway and CRM website for nightlife venues using TypeScript/NextJS, Django and PostgreSQL, deployed with Docker, NGINX, and Gunicorn.
- Worked within a group of 3 using Agile methodology to develop easy-to-use, high-end software with the goal of revolutionizing shared payment processing.
- Designed and maintained the application's CI/CD pipeline using GitHub Actions to automate deployment.
- Achieved successful launch, supporting 80+ concurrent users during a live event and selling 180+ tickets.

IEU TECH LAB

Madrid, Spain

PROJECT DEVELOPER

January – June 2024

- Collaborated in a team of 10 to provide automation, meet customer needs, and deliver solutions for Santander, LATIDO and TikTok.
- Developed and presented a live transcription software for zoom meetings to output a text file for Banco Santander. Using OpenAI's Whisper, Python/Flask, TypeScript/Next.js and deployment for demo. Decreased time taken to transcribe meetings by 90%.
- Digitalized and automated workflows for startup LATIDO (B2C) using AI tools. Implemented Google Analytics, CRM for product handling, and presented valuable AI integrations for their business. Increased their efficiency by 50%.
- Researched and delivered a demo on social listening tools and AI for sentiment analysis for TikTok to increase ad revenue.

PROJECTS

- **Planwise:** Recommendation system for creating short, targeted city plans using an ensemble of 4 ML models. Applied collaborative filtering with deep learning for suggestions based on user preferences (2025).
- **Factos API:** Fake news detection API using ensemble learning from 5 different classification models. Built an NLP pipeline with NLTK and designed a custom CNN architecture (2025).
- **Algo-Visualizer:** Visualizer for sorting algorithms in C++ using SFML, CMake and OOP. Built-in documentation with Doxygen, Breathe and Sphinx. Integrated testing workflow with Google Test (2024).

ADDITIONAL INFORMATION

- **Chief Engineer at Robotics & AI Club:** Led development of AI, Computer Vision, robotics, and web projects and fostering hands-on engineering growth among members (2023-2025).
- **Languages:** Spanish (Native), English (Native), Portuguese (Intermediate).
- **Programming:** Typescript (Full-Stack), Python (Backend, ML), C, C++, Domain Driven Design.
- **Technologies:** React, MongoDB, Docker, Linux CLI, PostgreSQL, Git/GitHub, AWS, Firebase, CMake.