



# Jorge F. Giménez Pérez | Fullstack Software Engineer

## Contact

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## Location

Madrid, Spain

## Residence Status

Spanish Nationality  
Korean F6 Visa (No sponsorship required)

## About Me

I'm Jorge — a 26-year-old full-stack engineer with more than 7 years of end-to-end software development experience. I'm currently based in Madrid, Spain, with around 5 years of international experience working in Seoul, South Korea.

I'm a problem-solving engineer focused on scalable architecture, adaptability, and technical clarity. I specialize in translating complex system requirements into user-centric solutions while keeping systems performant, maintainable, and resilient in fast-paced environments. I am dedicated to transparent team collaboration and pushing technical boundaries to meet evolving business objectives.

This is a small list of books and resources I have been exploring lately:

**Latency**  
by Pekka Enberg

**Systems Performance**  
by Brendan Gregg

**Computer, Enhance!**  
by Casey Muratori

## Work Experience

### **Fullstack Software Engineer - Software Integrity at Apple** from November 2025 to present in Madrid, Spain

Engineered full-stack data analysis applications and high-throughput data pipelines to facilitate executive decision-making on large-scale datasets. Architected and implemented internal AI agents and supporting tooling, streamlining cross-team operational workflows and accelerating data-driven management decisions. Partnered cross-functionally to optimize existing software infrastructure, significantly improving the processing efficiency and performance of core applications.

**Technologies:** Python, Typescript, Go (Golang), Rust, MCP, SvelteKit

### **Senior Fullstack Software Engineer - Generative AI Team at PwC** from September 2023 to November 2025 in Seoul, South Korea

Led full-stack development and database modeling for clinical applications used by hundreds of medical professionals. Implemented secure backend architectures handling sensitive patient data with custom encryption, anonymization, and authentication protocols.

**Technologies:** Python, Typescript, Go (Golang), C/C++, GRPC, React, Svelte, SvelteKit, RabbitMQ, NATS, Azure

### **Cloud Native Developer at Hospital Clínic de Barcelona** from September 2020 to November 2025 in Barcelona, Spain (+Remote)

Led full-stack development and database modeling for clinical applications used by hundreds of medical professionals. Implemented secure backend architectures handling sensitive patient data with custom encryption, anonymization, and authentication protocols.

**Technologies:** Python, Go (Golang), React, Svelte, Next.js, Sveltekit, Kafka, Apache Iceberg, Terraform, AWS

### **3D Web Apps Engineer & Backend Engineer at Funnyworks** from April 2023 to September 2023 in Seoul, South Korea

Developed Web3 integrations, WebGL-based interactive interfaces, and multiplayer game scripts for high-traffic corporate partnerships. Architected and deployed a custom LLM-integrated Discord chatbot system for a large-scale user community.

**Technologies:** Typescript, Go (Golang), React, Three.js, React Three Fiber (R3F), AWS

### **Fullstack Engineer & Engineering Team Leader at Onoma AI** from April 2022 to April 2023 in Seoul, South Korea

Directed an engineering team to build and scale full-stack, AI-powered design tools utilizing serverless infrastructure and generative models. Designed system architectures, managed vector database integrations, and deployed robust API pipelines for AI service communication.

**Technologies:** Typescript, Go (Golang), GRPC, Next.js, React, SQL, AWS

### **Fullstack Software Engineer at ASDT Systems EU** from January 2020 to January 2023 in Manresa, Spain (+Remote)

Architected and deployed a highly scalable, real-time drone detection and neutralization web platform utilizing optimized data models and WebSocket servers. Engineered the transition from legacy applications to web-based architectures, facilitating adoption by enterprise and government clients.

**Technologies:** Typescript, Node.js, React, MongoDB, Go (Golang)

### **R&D Solutions Engineer at The Forest Next** from January 2019 to January 2020 in Terrassa, Spain

Developed and deployed machine learning models for anomaly detection and predictive maintenance in automotive production lines. Programmed collaborative robotics (Universal Robots) and built a mobile workforce management application.

**Technologies:** Python, Matlab, Flutter, SQL

### **Junior Data Analyst at PocketBI Cloud** from January 2018 to January 2019 in Barcelona, Spain

Built enterprise data visualization dashboards leveraging Tableau, Qlik, and PowerBI for multinational clients. Engineered custom Python scripts and ETL pipelines to extract, transform, and aggregate data from diverse SQL, NoSQL, and raw data sources.

**Technologies:** SQL, Python, PowerBI, Tableau

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## **Academic Background**

### **Bachelor's Degree in Computer Science** 2021 - 2022 • 고려대학교 (Korea University) • Seoul, South Korea

- 2 semesters as an exchange student.

- Focus on AI for Natural Language Processing, Machine Learning applied to Graphs and 3D Graphics.

## **Bachelor's Degree in Computer Engineering**

2018 - 2021 • Universitat Autònoma de Barcelona • Bellaterra, Spain

- 180 ECTS credits (4-year program).
  - Specialization: Computing.
  - Focus on Algorithms, performance optimization, Operative Systems, Computer Architecture, AI and scientific computation.
  - Final Project: Developed a Neural Hash system to detect manipulated images.
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## **Language Skills**

### **Spanish**

Native

### **English**

Advanced IELTS 8.0 = C1

### **Korean**

Upper Intermediate (High conversational level)