

GIANLUCA LO VECCHIO

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EXPERIENCE

Frontend Developer

Jun 2025 – Now

Ayesa for Enel X

Barcelona, Spain (Freelance – Remote)

- Developed and maintained enterprise **Angular** applications for Enel X's **demand-response and energy flexibility platform**.
- Built **operational dashboards, performance analytics, advanced data tables, charts, filters, API integrations, localisation and responsive interfaces**.
- Used **Git**, participated in **code and pull request reviews** and refactored code to reduce technical debt.
- Worked with **Angular, NgRx, Webpack, Angular Material, Chart.js** and an **enterprise component library**.
- Worked in an **Agile/Scrum** environment, participating in planning, daily stand-ups, reviews and retrospectives.

Lead Developer

Jun 2023 – Jun 2025

T-Systems for BMW

Barcelona, Spain (Freelance – Remote)

- Developed **FactoryBuilder**, a 3D virtual factory creation tool for BMW using **Java, Node.js, Angular and Python**.
- Used **component libraries** to create **dynamic and reusable interfaces** in Angular.
- Implemented **CI/CD pipelines** with **Kubernetes, Helm, Terraform and GitHub Actions** on Azure.
- Led the development team, providing **mentorship** and conducting **code reviews**.
- Collaborated with clients on **consulting, requirements gathering and solution design**.

Full Stack Developer

Feb 2019 – Jun 2023

Inovum Solutions

Barcelona, Spain (Remote)

- Developed **web applications** for the **IoT, industrial manufacturing and business intelligence** sectors.
- Worked with **Angular, Java, Node.js, Python, MySQL and PostgreSQL**.
- Mentored **junior developers** and conducted **code reviews**.
- Developed solutions based on **microservices and event-driven architecture**.
- Worked in an **Agile/Scrum** environment, contributing to planning, retrospectives and effort estimation.

Full Stack Developer

Jan 2018 – Feb 2019

Tiendeo

Barcelona, Spain

- Developed an **internal back-office tool** for company operations.
- Built **web crawling bots** and designed **HTML/CSS mock-ups**.
- Developed a **data enrichment project** using **Java and Angular**.
- Worked with **Jira** and **Agile methodologies**.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, HTML, CSS

Frameworks: Angular, NgRx, Spring Boot, Node.js

Databases and APIs: PostgreSQL, MySQL, REST APIs, GraphQL

DevOps and cloud: Docker, Kubernetes, Helm, Terraform, GitHub Actions, Azure, AWS

Architecture and tools: Microservices, event-driven architecture, Git, GitHub, Jira, Figma, SonarQube

LANGUAGES

English, Spanish, Catalan, Ukrainian and Russian.

EDUCATION

STUCOM

Associate Degree in Cross-Platform Development

Barcelona, Spain

Sep 2018 – Jun 2019

STUCOM

Associate Degree in Web Development

Barcelona, Spain

Sep 2016 – Jun 2018

Ironhack

Vue.js Frontend Development Bootcamp

Barcelona, Spain

Jun 2021 – Sep 2021