

Uraitz Olaizola

Technical Lead • Software architect • **Agentic AI**

More than twenty years building software. **Looking for my next chapter as CTO, Head of Development or Agentic AI Lead.**

Remote across Europe • hybrid in Gipuzkoa / French Basque Country



uraitz@enagora.com
linkedin.com/in/uraitz
www.enagora.com

SUMMARY

I lead the team that builds IRISBOND's accessible applications for Windows, iOS and Android, and agentic AI systems that build software with me. I have been through real-time simulation, product, consulting, my own company and team leadership, without ever stopping coding. I'm drawn to problems that mix technology, product, people and hard decisions.

ACHIEVEMENTS

- **Two physical products, Oskol Windows and Oskol iOS, designed, manufactured and put on sale** while temporarily leading Product Design for seven months, on top of the applications team.
- **20–30% reduction in incident resolution time** through prioritisation, follow-up and technical coordination with product, support and hardware.
- **Founder and technical lead of Enagora Dev S.L.:** more than ten projects for mid-sized and large companies, from sale to operation.
- **Stocktake from 18 hours to 7 in the first iteration, and to around 5 later,** at Venta Peio, with Android and iOS apps in the early days of Xamarin integrated with business data.
- **A team of four engineers and an architecture from scratch** for Barcelona City Council's mobility app (Ibermática); mentoring of new professionals and final-year students.
- **A real mobile app rewritten from scratch in one week** leading AI agents as a development team, with more than 100 xUnit tests and automatic distribution to TestFlight and Google Play.
- **An autonomous editorial system** that selects, writes, illustrates and publishes daily; it saves about two working days a week and keeps alive an activity that wouldn't exist done by hand.

EXPERIENCE

2022 — TODAY

IRISBOND

Application
Development Team
Lead

Technical leadership without leaving engineering: accessible applications connected to the Hiru eye tracker.

- I lead a team of five and turn product goals into architecture, priorities and deliveries.
- I define technical strategy, estimates and plans; I review code and get hands-on in C#, .NET, C++ and Swift when the problem requires it.
- I lead the handling of technical incidents that cross departments (product, support, hardware), with root-cause analysis; resolution time dropped by 20–30%.
- I drive modernisation, quality, automation and cross-platform releases.

C# • C++ • Swift • .NET MAUI • Xamarin • WPF • WinUI • ASP.NET Core • SQLite • Firebase • Azure DevOps • Jenkins

2020 — JUL 2022

Enagora Dev S.L.

Founder & Software
Engineering Lead

Full cycle: spot a need, build, ship and operate.

- Architecture and development of my own products (Momentuan, Txikinet) and projects for consultancies while leading the consultancy's own teams.
- My own infrastructure: ESXi with four VMs (APIs, nginx proxy, hosting, email) and Jenkins pipelines that build and release all my mobile apps.
- Integration of native Android and iOS libraries into cross-platform products; delivery automation with Azure DevOps and Jenkins.
- First AI workflows applied to programming, review, testing and diagnostics.

C# • .NET MAUI • Xamarin • ASP.NET Core • REST APIs • Firebase • Automation

2019 — 2021

Ibermática

Senior analyst –
developer

Mobile app for Barcelona City Council: coordination between the mobile team and the REST API team.

- I led a team of four engineers and defined the architecture; Xamarin.Forms, Android and iOS with custom native components.
- Delivery planning, mobile-backend dependencies, unit and UI tests, continuous integration.

Xamarin • Azure DevOps • Jenkins • SonarQube • NUnit • Git

2019 — 2020 LKS Senior .NET consultant	Evolution and progressive modernisation of Microsoft enterprise applications in production. ASP.NET Core · ASP.NET MVC · Web Forms · .NET Framework · Windows Forms · DevExpress
2013 — 2018 Venta Peio Senior analyst and developer	End-to-end responsibility for the business's software: Android and iOS apps (early Xamarin) that took the stocktake from 18 to 7 hours (and later to around 5), portals, e-commerce and desktop tools. C# · Xamarin · ASP.NET MVC · SQL Server · SQLite · HTML · JavaScript
2012 — 2013 Adimedia · Enagora (1st chapter) Senior developer · freelance	Portals with real traffic in ASP.NET, first Xamarin apps, and complete websites with PHP, .NET, Joomla! and PrestaShop for local companies.
2005 — 2011 Simulation, 3D and first projects Lander Simulation · Simax Virt · Virtual Shapes · freelance	Railway and driving simulators (C++ Builder, C#, XNA), real-time 3D environments and architectural visualisation. At Lander I spotted that the 3D environments weren't viable in real time, proposed changing the production process and proved it in the real product: the method was adopted and helped create an in-house 3D department.

HOW I WORK WITH AGENTS

Architecture, acceptance criteria and review are mine; execution is split among agents with defined roles and a pipeline that verifies it. That's how Momentuan (.NET MAUI, iOS and Android) was rewritten in a week.					
HUMAN Technical direction	CLAUDE Design	OPENCLAW Vision and continuity	CLAUDE Code Implementation	XUNIT 100+ tests	JENKINS TestFlight / Play

STACK

Software C#, .NET, ASP.NET Core, REST APIs, SQL, C++, Swift/SwiftUI, JavaScript; maintainable architectures, TDD, Agile/Scrum. AI and automation Role-based agents, Claude Code, OpenClaw, local and cloud models, human-in-the-loop workflows, Make.com, test-based evaluation.	Cross-platform product .NET MAUI, Xamarin, WPF, WinUI, iOS, Android, Windows, Firebase, SQLite. Tools and infrastructure Visual Studio, Git, Azure DevOps, Jenkins, SonarQube, Jira, NUnit/xUnit; VMware ESXi, nginx, Windows Server, Ubuntu/Debian; 3ds Max, Blender, FreeCAD, 3D printing.
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EDUCATION

Master's in 3D Multimedia · Bidasoa Activa · 2003–2005 Technical Engineering in Computer Science · UPV/EHU Donostia · 2001–2003 (not completed) Higher Technician in Systems Administration · IES Plaiaundi · 1999–2001	Certifications Swift Agentic Engineering Program · Apple Coding Academy · 2026 Xamarin Certified Mobile Developer · ASP.NET Core C# · 70-480 HTML5/CSS3/JS · 70-515 ASP.NET 4.0
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LANGUAGES

Spanish · native	Basque · native	English · professional, technical	French · B1
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