IN FOUR LINES

I solve real business problems with technology and automation, and I train those who come after. I've spent since the last century turning needs into solutions that work, and supporting people through their professional growth.

TRAINING & MENTORING

Crossing the tech leap. I helped technical offices adopt new tools without slowing their work: from the drawing board to CAD, from 2D to parametric 3D, and to automate their repetitive tasks.

Centro Ayala, Formación y Calidad

Supporting professionals. I mentored both IT technicians and developers, helping them understand the usefulness and the consequences of every change the market brings.

Freelance

Preparing for today's market. I updated the syllabus, with the rest of the teaching team, to the market's new needs, to raise employers' interest in the students.

Freelance

PROBLEMS SOLVED

Automating the paperwork. Automatic receipt of purchase invoices, reading and sending printer meter counts to suppliers with no intervention, and generating documents and drawings in one click.

Kelvion, Electromecánicas ARA

Management software. I rolled out and adapted commercial ERPs, and in other cases built a specific sector's management and billing from scratch.

Freelance, Electromecánicas ARA, Kelvion

Integrating the disconnected. I connected legacy, third-party and custom applications to the core system, and unified the systems of two merging companies without stopping the business.

Kelvion, Electromecánicas ARA

Connecting the plant. Shop-floor data capture, time tracking, shipments and order book with low-cost virtualised terminals. The workshop, reflected instantly in management.

Kelvion, Electromecánicas ARA

Keeping the infrastructure up. Twenty years of servers, networks, backups, patching and vendors across several sites, with full management of the IT department.

Electromecánicas ARA, Kelvion

Building what doesn't exist. Secure guest WiFi managed from the system, 2.5D CNC code generated from CAD drawings, and magnetic-card access control.

Intro Design, Kelvion, Freelance

TOOLS

Infrastructure: Operating systems, IaC, AWS, virtualisation, containerisation
Programming: C, Python, JavaScript, TypeScript, HTML5, CSS3, React, Svelte
Databases: PostgreSQL, SQLite, MariaDB, MS SQL Server
Methodologies: Agile contracts, Agile project management, TDD, DDD
Strengths: communicative, pragmatic, resourceful, adaptable, critical
Sectors: Manufacturing, Engineering, Boilermaking, Training, Services, Associations

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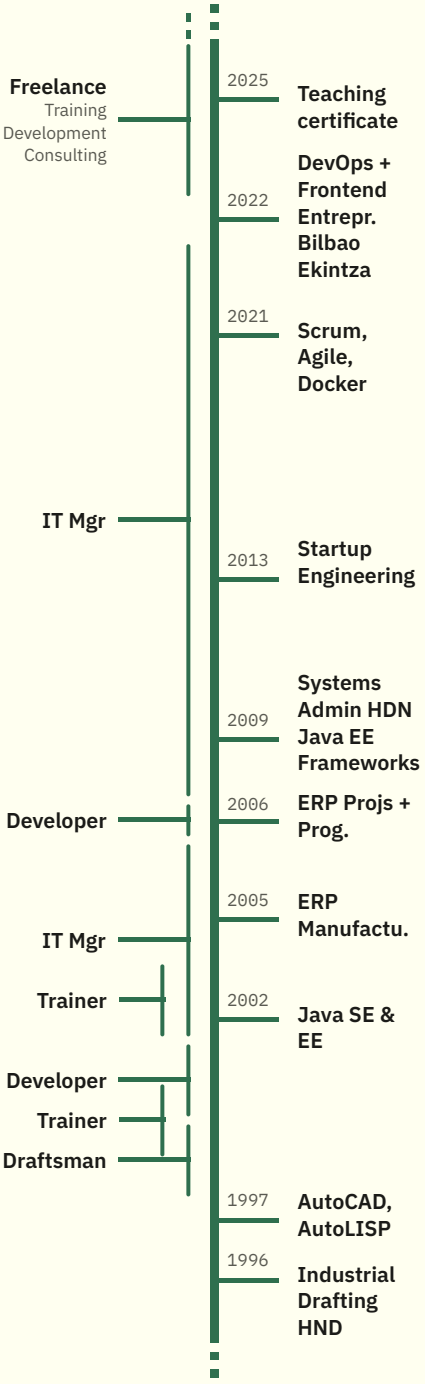
Count on me to…

- solve a specific problem that has you stuck
- reinforce your team as a senior developer
- train and grow your team or your students
- bring order to inherited systems and processes