
Senior IT Professional

More than 25 years of experience providing solutions to complex problems

I am a software architect with a solid career history in organizations of very different nature and magnitude, from small startups to large multinational companies.

I have team leadership, communication and technical skills, developed during my extensive career.

I am used to work remotely, so I have mastered multiple tools and procedures that enable and support this way of working.

Highlights of expertise

- Solutions architecture & implementation
- DevOps, IaC and SRE
- IT operations oversight
- Quality software development
- Full life cycle project management
- Developer advocate
- Quality assurance & control
- AWS & Azure clouds
- Regulatory compliance
- Team development & leadership
- Continuous process improvement
- Technical writer

Technical skills

Programming languages commonly used: C#, Typescript, Javascript, Python, PHP.

Other programming languages known: Java, C++, Visual Basic .NET, Visual Basic, PowerShell, Bash, PL/SQL, Cobol/400, RPG/400, Assembler x86.

Frameworks and technologies commonly used: .NET/ASP.NET, Angular, Entity Framework Core, webpack, NodeJS, SASS, Bootstrap.

Other frameworks and technologies known: Vue, AngularJS, jQuery, Xamarin.

IDE commonly used: Visual Studio, Visual Studio Code, WebStorm, PyCharm, PhpStorm, Rider, DataGrip, Workbench.

DevOps platforms: Azure DevOps, GitHub Actions, TeamCity.

Databases: MySQL, MariaDb, SQL Server.

Version control systems: BitBucket, GitHub, Team Foundation Services/Azure DevOps Repos.

Cloud platforms: Amazon Web Services, Microsoft Azure, Google Cloud Platform.

Content management systems: WordPress (implementation, automation, DevOps and development).

Management & collaboration tools: Office 365, Google Workspace, Slack, Teams, Jira, Confluence.

Operating systems & environments: Windows, Android, QNAP QTS, Linux, MacOS.

QA & Testing: SonarCloud/SonarQube, xUnit, Postman, Jasmine, Karma, Selenium.

Content creation and layout: Adobe Premiere, Camtasia, Adobe Media Encoder, Adobe After Effects, Adobe Photoshop, Ableton Live!, Adobe Audition, Adobe Illustrator, Adobe XD, Figma, Adobe Acrobat.

Streaming tools: OBS Studio, Streamlabs, Stream deck, Wave Link.

Project management methodologies: Agile (SCRUM framework), Prince2.

Career experience

Ahead Labs, SL, Madrid, Spain

Provide executive-level leadership with full accountability for all technology operations and projects.

Founder, CEO & Project manager (2002 to present)

Software development, technical consulting, technical training and custom web hosting company, founded and managed by me since 2002.

Management:

- Define and establish the company profile and identity, actively engaged in customer prospecting and relationship management.
- Manage the full life cycle of the recruiting processes, identifying high-calibre technical personnel, needed to support ongoing projects.
- Oversee and manage the full project life cycle, from the initial concept and proposal all the way through to delivery and subsequent follow-up.
- Develop and conduct technical training endeavours to remediate educational gaps, both internal and our client's.
- Manage the finances of the company.

Technical:

- Architecture and development of customized solutions in the technological, energy, telecommunications, real estate, optical, editorial, legal, financial, tourism and health sectors, using different technological stacks and programming languages depending on each scenario, from monolithic applications, APIs, frontends, single page applications or desktop to middleware integration processes between different systems.
- Automation of continuous integration and deployment processes within the DevOps + Agile methodological framework, including the automation of different types of tests.
- Development of open source and private tools to maintain the reliability of our own systems and those of clients, which in turn allow quick reaction to specific service outages, from an SRE approach.
- Design, deployment, persistence and versioning as infrastructure code (IaC) in single-cloud and multi-cloud scenarios in AWS, Azure and Google Cloud, using Terraform.
- Design and implementation of ETL processes for extraction, transformation and loading of data, both locally and cloud-based (AWS and Azure).
- Technical disclosure through talks and courses, both with clients and internally, on good practices, emerging technologies, frameworks, methodologies, tools, languages, software architecture and design patterns, process automation, productivity, etc.

Featured clients: Essilor, Repsol, Red Eléctrica, Vodafone, Adeslas, Activity, Onde 2000, Banco de Santander, Ediciones SM, Uría y Menéndez, AVIS, Hospital Universitario Fundación Alcorcón, Fundación Instituto de Investigación.

QueOportunidad.es, Madrid, Spain

Orchestrated cross-functional efforts of to drive optimal performance of the IT department.

CTO (2014 to 2015)

Startup in the automotive sector created to develop an application for vehicle auctions over the Internet.

- Employed my leadership capabilities to conduct an extensive oversight of the IT department, hiring and relocating personnel to optimize productivity.
- Oversaw and managed the Software development life cycle (SDLC) on critical initiatives.
- Built cross-functional collaboration between departments to manage ongoing requests.
- Developed and led implementation of technical and team building trainings to drive staff performance and ensure a constant improvement process.
- Ensured operational compliance with all established regulations.

ADDITIONAL EXPERIENCE

Software architect & DevOps manager (2016 to 2018) ▪ Essilor

Field engineer (2014) ▪ Avis Budget Group EMEA

Software developer (2001 to 2002) ▪ Media Net Software (ahora S|ngular)

Software developer (2000 to 2001) ▪ Eurosoft IT

Software developer (2000) ▪ Ecuality E-Commerce Quality

Software developer (1998 to 2000) ▪ Comunycarse Network Consultants

Trainer (1998) ▪ Instituto Cibernos

Software developer & systems engineer (1997 to 1998) ▪ Dunia Tours, SA

Education & credentials

University of Barcelona, Madrid, Spain

MBA & Master's in new ITC applied to business management.

Instituto Cibernos, Madrid, Spain

Degree in computer science & communication applied to business.

Professional development: PRINCE2 certification, business planning, GTD methodology, Holacracy framework.

Other references:

- <https://github.com/aheadlabs>
- <https://github.com/ivansainz>
- <https://aheadlabs.com>

Languages:

- Spanish (native)
- English (bilingual)