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INTRODUCTION

Full-stack web developer

Extensive leadership experience in business software projects and international development teams.

Like to stay updated on new technologies that add value, always trying to improve the essential: robust and maintainable code.

Highly self-driven but at the same time enjoy being part of a team and get involved in all parts of the product development. Used to work in international, multidisciplinary development teams, willing to give and receive feedback to and from my teammates in code reviews and direct conversations. Not only focused on robust architecture and clean code, but also think a great user experience is crucial.

EXPERIENCE

- **Principal Software Engineer @ [Version1](#)** (Ireland)

Projects I have worked on:

- o Release on demand tool: developing the frontend of an internal web application for Citibank UK. The application is a continuous-delivery tool that makes it quick and simple for the bank's development teams to deliver small incremental changes to production. It removes the need for a lot of paperwork and reduces the risk of failure.
- o Accounts Opening Onboarding system for a financial company in the UK.
 - Main role is frontend team lead.
 - Main challenges: React context for client state, custom design components, custom forms.
- o Cloud migration for an investments management company in the USA.
 - Main role is frontend team lead, but also backend dev.
 - Responsible for the UI (React).
 - Responsible for the REST API (C# .NET Core).
 - Main backend challenges: integrating with legacy SAML authentication system and LDAP server, AWS services (DynamoDB, Secrets Manager, S3).

- Main frontend challenges: embedded Power BI reports react context for client state, react query for server state, intersection API, files upload/download.
- **Senior frontend engineer @ [Cabify](#)** (Spain)
Member of the Bive team: a subscription model for urban bike: Extensive use of React, TS, Redux, Redux Observables, RxJS, Cypress, Storybook testing, react-testing-library. GitLab CI & CD. Amplitude. Stripe. Shopify.
- **Frontend engineer @ [Lemoncode](#)** (Spain)
On-line game platform (Backgammon) composed of a lobby on the game board. React (Redux, Sagas, Router, Sockets), TypeScript. I was responsible for implementing the game rules, creating more than 2000 unit tests, and parts of the game board (SVG) and the lobby.
- **Full stack developer @ [Aertec](#)** (Spain)
Aviation software solutions. Web apps for quality control of airport services, passenger interactive info totems, internal applications for project management. ASP.NET, React, TS.
- **Frontend engineer @ [Sequel](#)** (Spain/UK)
Member of the Claims team (insurance industry, London market). Complex business model. Git/TFS/Jira. Backend C#, frontend AngularJS/TypeScript. My main contribution was the improvement of team productivity.
- **Freelance developer @ [Legalitas](#)** (Spain)
Responsible for the development of web apps equivalent to the mobile apps for online reputation and consultations with lawyers. TFS / C# / ASP.NET MVC.
- **Freelance developer @ [Cititravel](#)** (Spain)
Online golf reservations: coaching of an existing team. Web app rewritten from scratch, responsive, integrated with multiple systems (SMS, payment gateway, global green fees availability provider). Backend C#, frontend AngularJS. We achieved a remarkable improvement in performance, usability, robustness, and a significant increase in reservations.
- **Full stack developer @ [Steeldomus](#)** (Italy)
Responsible for designing and implementing the whole system, composed of a website, a desktop app and a Windows service for synchronizing local and remote databases. ASP.NET.

TECH SKILLS

Main tech skills as **full-stack web developer**:

- Front-end: React, TypeScript, JavaScript. Styled components, Material-UI, Mantine.
- Back-end: Microsoft .NET and .NET Core (C#), ASP.NET WebAPI, Entity Framework, Linq. SQL Databases. AWS (DynamoDb, Secrets Manager, S3 Buckets).

Lately very interested in NextJS, SSR, NextAuth, tRPC, Prisma and type safety from backend to frontend.

VALUE

Areas in which I have expertise and provide added value:

- Code reviews, version control systems, branch strategies
 - Issue tracking systems (Jira, TFS)
 - Integration in international development teams, strong communication skills, fluent in English
 - Helping teams to achieve readable, testable and robust code
 - Decision-making on architecture and design of new apps
 - Unit testing as part of the development process
 - Component testing (React Testing Library)
 - Visual regression testing (Storybook)
 - End-to-end testing (Cypress)
 - Agile methodologies
 - Designing and implementing REST APIs
 - Multiple React frameworks and libraries (state management, authentication & authorization, API calls, i18n...)
 - Continuous Integration and Deployment
 - Multiple dev platforms (BitBucket, GitLab, GitHub, TFS)
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A LITTLE BIT OF MY STORY

Started using React in 2017 with a background of JavaScript, jQuery, HTML, CSS and AngularJS. Now I love React and have created many complex applications with react-router, Redux, Sagas, Observables, Hooks, React Query and many other libraries/APIs.

Regarding styles, I have worked with CSS-in-JS solutions, mostly styled-components, and with design systems like Mantine and Material-UI. I enjoy creating reusable components and providing a pixel-perfect UI. I have worked with designers and UX experts using Figma, InVision and similar tools.

Regarding the backend, I have long experience with REST APIs, JSON, C# and .NET technologies: ASP.NET MVC/WebAPI, Entity Framework, Linq, SQL Server. Most of my career I have worked with SQL databases, but I have experience with a NoSQL database as well (DynamoDb).

Used to Agile methodologies, CI/CD (Jenkins, Bitbucket pipelines, GitLab) and testing; Jest and react-testing-library for unit and component tests, Cypress for end2end tests.

Lately I am working with NextJS, server components, NodeJS, NextAuth, tRPC, Prisma and type-safety from the backend to the frontend, which I find very exciting and promising.