

Antonio Sánchez Gómez

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PERSONAL PROFILE

I am a Senior Fullstack Javascript Developer with a mushroom-shaped profile. My core expertise lies in distributed systems –microservices and microfrontends– from where it radiates into adjacent fields. I am a junior-to-mid UI designer and developer, fluent in Docker, familiar with people management and AI, and able to understand the language of QA and DevOps engineers. I take pride in writing quality code that delivers value to its users and my journey to balance short-term business goals against long-term developer speed have made me a fervent believer in Agile, TDD, and constant refactoring. I am used to working independently in a fast-paced, changing environment and love ambitious problems that help me learn and grow. If you know any position that fits this description, please get in touch! ;)

Fun fact? This CV was made with LaTeX; check my [LatexCV](#) repository on github.

WORK EXPERIENCE

Founder, *www.tissai.com*, Remote, Spain

Nov 2023-Oct 2024

- Personal project to develop a more structured and interactive search experience with the aim of gaining intuition into Artificial Intelligence techniques.
- Discovered several ways to not parse unstructured product titles (Vector Search, Keyword Discovery, Entity Recognition, etc) and ended interpreting them against a Bayesian Network built using a locally-run LLM.
- The website uses SvelteKit, tailwindcss, and Storybook. The backend indexer uses Node, Typescript, PostgreSQL, Vitest, and a Python pool for the AI packages.

Backend Lead, *Cyferd*, Remote, Spain

Aug 2021-Oct 2023

- Led a 5-person team and took a highly decoupled microservice architecture from proof-of-concept to production-ready platform, and through two migrations (NAT Streaming to Kafka and Neo4j to PostgreSQL).
- Developed across all backend (storage logic, microservice orchestration, 3rd parties integrations, monitoring, etc) and implemented from scratch the platform's multi-tenant authentication.
- Promoted best practices in developer tooling (CI-CD pipelines, a devcontainer, local deployment tools, etc), and agile processes (incremental improvements, acceptance criteria, TDD, etc). Established a tradition of fortnightly training calls.

Senior Frontend Developer, *Cyferd*, Remote, Spain

Apr 2021-Aug 2021

- Early employee in a low-code/no-code startup with a product capable of implementing any form-based app.
- Simplified the frontend's view engine and gave it the ability to react to user actions.

Fullstack Javascript Developer, *Gloval (Avansis)*, Remote, Spain

Nov 2020-Apr 2021

- Developed microservice and microfrontend applications with Reactjs, Express, GraphQL, MongoDB, PostgreSQL and Docker.
- Led the implementation of several projects and good practices to improve code quality and developer speed.

Fullstack Javascript Developer, *Linkproved*, Remote, Spain

Dec 2018-Jan 2020

- Maintained the main site working with Reactjs, Express, and MongoDB.
- Developed and maintained a microservice for search and keyword recommendation using Gensim, Python, and Django.

Fullstack Javascript Freelancer, *Self-employed*, Remote, Spain *Aug 2016-Nov 2018*

- Developed Single Page Applications, backend servers, Conversational Interfaces, and Mobile Applications.

NextGame Sport Cofounder, *NextGame Sport*, Manchester, U.K. *May 2016-Sept 2016*

- Co-founded a sports-predictions startup accepted into the Entrepreneurial Spark accelerator that sought to connect fans and brands together.

Software Engineer Intern, *Microsoft*, Dublin, Ireland *Jul 2014-Jul 2015*

- Created C# desktop applications and cloud components to automate the localization process of Office content.

York Interdisciplinary Research Student, *University of York*, York, U.K. *Jul 2013-Sept 2013*

- Developed a multithreaded Java GUI to teach Evolutionary Computation.

EDUCATION

BSc (Hons) Computer Science with Business and Management *Sept 2012 - Jun 2016*

University of Manchester, Manchester, U.K.

1st class honours

- Worked in several team projects and won the 2014 IBM Software Engineer prize for the best team of the year.

Baccalaureate in Technology *Sept 2010 - Jun 2012*

I.E.S. Gregorio Marañón, Madrid, Spain

9.76/10 (first of cohort)

- Tackled university-level problems in the “Campus Científicos de Verano” program.

TECHNICAL SKILLS

Programming Languages: Typescript, Javascript, Node, Python, HTML, CSS, Bash/Zsh, etc.

Frameworks: Express, SvelteKit, React, Tailwind, Jest, Vitest, ESLint, Prettier, Webpack, etc.

Storage & Networking: PostgreSQL, Websocket, REST, Kafka, MongoDB, Redis, etc

Other tooling: Docker, VS Code, Git, Vim, Github Actions, Railway, Jira, Heroku, etc.

Human languages: English (*fluent*), Spanish (*fluent*), French (*intermediate*), Japanese (*beginner*).

OTHER NOTABLE POSITIONS

Ex-Toastmaster member: practiced public speaking and leadership skills for several years.

Venture Out 2015 finalist: ended finalist in the business idea competition.

Sport Betting Professionals: applied predictive analytics to make horse racing bets.

IMAV 2014 participant: created a 7-digit number recognition program.