

# Antonio Sánchez Gómez

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## PERSONAL PROFILE

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Senior Fullstack Javascript Developer and aspiring learning machine. I am used to working independently in a fast-paced, changing environment and take pride in writing quality code that delivers value to its users. My journey to balance short-term business goals against long-term developer speed have made me a fervent believer in Agile, Test Driven Development, and the improvement of Developer Experience. I am looking to continue growing -as a person and as a developer-, and open to new challenges and projects. Do not hesitate to get in touch! ;)

Fun fact? This CV was made with Latex; check my “LatexCV” repository on github.

## WORK EXPERIENCE

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**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 -and user queries- against a Bayesian Network developed 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 two migrations (NATS Streaming to Kafka and from 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 DX (CI-CD pipelines, a devcontainer, local deployment tools, etc), agile processes (incremental improvements, acceptance criteria, TDD, etc), and 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, Postgres 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 Developer**, *Self-employed*, Remote, Spain

*Aug 2016-Nov 2020*

- Developed Single Page Apps, Backend Servers, Conversational Interfaces and Mobile Applications.

**NextGame Sport Cofounder**, *NextGame Sport*, Manchester, U.K.

*May 2016-Sept 2016*

- Co-founded an sport-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

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**BSc (Hons) Computer Science with Business and Management**

*Sept 2012 - Jun 2016*

*University of Manchester*, Manchester, U.K.

1<sup>st</sup> class honours

- Worked in several team projects and won the 2014 IBM Software Engineer price 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

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**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

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**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.