

CONTACT

Dublin
sergiocollado95@gmail.com
sergiocollado.com
linkedin.com/in/sergiocolladov
Spanish, EU citizen

LANGUAGES

Spanish native, English full professional

SKILLS

Languages and frameworks
TypeScript, JavaScript, React, Next.js, React Native, Expo, Node.js

Data and backend
PostgreSQL, Prisma, Supabase, Firebase, Redis, WebSocket, Stripe

Infrastructure
Docker, Kubernetes, CI/CD, GitHub Actions, Sentry

Quality and design
Playwright, Jest, Cypress, Maestro, Storybook, design systems, accessibility

Practices
Software architecture, technical leadership, product engineering, internationalisation, technical SEO, CRO, applied AI and LLMs

EDUCATION

Full Stack Web Development Bootcamp
Ironhack, Madrid, 2020

Higher Technician in Web Application Development (DAW)
ILERNA, 2018 to 2021

FutureLeaders, Business Expert. Business administration and management
ThePowerMBA, 2019 to 2020

Electronic Engineering studies
Universidad de Cádiz, 2013

Sergio Collado Vázquez

Lead Engineer & Software Architect

PROFILE

Lead software engineer and software architect with 11+ years taking digital products from idea to production. Engineering at IKEA, Adevinta (Fotocasa), Fintonic, EDP and DataBeacon, Tech Lead at Garaje de Ideas, and since 2024 CTO & Co-Founder of Synkross, where I lead architecture, engineering and delivery.

I own products end to end, from the business problem and the architecture to the technical decisions, the team and production. Having run a company, I also understand the cost of each decision. Interested in Lead, Staff and hands-on Architect roles.

EXPERIENCE

CTO & Co-Founder

Nov 2024 to Present

Synkross, Madrid and Luxembourg

Custom software company in Madrid and Luxembourg. I lead the technical direction, architecture and delivery of every product, from requirements to production.

- Architecture and delivery of web, mobile and backend products for Airplane Solutions, Sense Living, CSC Tech, Kelimbo, Fliply, Stowly and Buddy Market, among others.
- Engineering standards, code quality and delivery process for a fully senior team, working directly with founders and business stakeholders.
- Own infrastructure on Kubernetes with CI/CD, monitoring and backups. AI features with language models in production.

Technologies TypeScript, Next.js, React Native, Node.js, PostgreSQL, Prisma, Stripe, Docker, Kubernetes and language models

Front End Tech Lead

Jul 2024 to Dec 2024

Garaje de Ideas, Madrid

Digital product consultancy. Tech Lead for the new web platform and CMS of an international pharmaceutical company.

- Frontend architecture, CMS integration and coding standards.
- Internationalisation by country and language for a single multi-market product.

Technologies React, Next.js, TypeScript, automated testing, Jira, Confluence and Notion

Freelance Full Stack Engineer

Mar 2020 to Dec 2024

Freelance, Madrid

Custom web and mobile products for companies and startups, from technical design to production, deployment and maintenance included. Synkross grew out of this work.

Technologies JavaScript, TypeScript, React, Next.js, React Native, Node.js, PostgreSQL, Prisma, Storybook, Leaflet, WebSocket, Stripe, Docker, Kubernetes, Jest, Cypress, Google Optimize and Google Analytics

Software Engineer

Sep 2023 to Aug 2024

IKEA, Madrid

New international food platform with e-commerce and landing pages for several markets. Technical reference of the team for Next.js and design systems.

- Rolled out the Skapa design system across all projects, extended it with custom components and documented it in Storybook.
- Trained the development and design teams in Next.js and the design-to-development workflow.

Technologies Next.js, React, TypeScript and Storybook

AWARDS

First prize at Encuentro de Ideas del Estrecho for best business project, with Nativa3D. Zona Franca de Cádiz, 2015.

Best final project at Ironhack with ProPos TPV, 2020.

Best web application with El Viajero, team project. Ironhack, 2020.

Winner of the CodeWars Kata War. Ironhack, 2020.

Front End Engineer, Fotocasa

Jul 2022 to Sep 2023

Adevinta Spain, Madrid

New management panel for Fotocasa real estate agencies, in a team with a strong review culture.

- Features end to end with test coverage, plus CI and observability with Travis, Spinnaker, GitHub Actions and Datadog.

Technologies React, SASS, MSW, Formik, Yup, Jest, Chai, Cypress, OpenSearch, Jira and Confluence

Front End Engineer

Feb 2022 to Jul 2022

Fintonic, Madrid

Loan application, assessment and offer funnel on the web, measured at every step and connected to the backend assessment services.

Technologies Next.js, React, TypeScript, Storybook, Docker and Kubernetes

Front End Engineer

Mar 2021 to Feb 2022

DataBeacon, Madrid

AI-powered air traffic control application built from scratch together with the CTO.

- Real-time flight map with Leaflet and WebSocket, controller tools, ML conflict-prevention models integrated in the interface, component library in Storybook.

Technologies React, TypeScript, Leaflet, WebSocket, Storybook and real-time data visualisation

CRO Developer, EDP Solar

May 2020 to Mar 2021

EDP, Madrid

Conversion optimisation for the EDP Solar website, where users size a photovoltaic installation and request a quote.

- A/B tests on the solar calculator and quote flow that changed business logic and offers, measured in Google Optimize and shipped to the live site.

Technologies JavaScript, HTML, CSS, Google Optimize and Google Analytics

Co-Founder & CEO

Apr 2018 to Nov 2019

Cubik Systems, La Línea de la Concepción, Cádiz

IT services company for businesses and the public sector in Andalusia. Ran the business and delivered the technical projects myself, from business software and websites to networks, servers and POS systems.

Technologies JavaScript, HTML, CSS, networks, servers, CCTV and POS systems

Founder & CEO

Jan 2015 to Apr 2018

Nativa3D, La Línea de la Concepción, Cádiz

Designed, manufactured and sold our own range of 3D printers, grew into a national wholesaler. First prize at Encuentro de Ideas del Estrecho 2015.

Technologies JavaScript, 3D printing, product design, HTML and CSS