

Samuel Vasco

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EXPERIENCE

Senior Software Engineer

Madrid, Spain

Sennder

Jul 2022 - Aug 2024

- Engineered a public user service to manage over 80K users, using REST APIs, Kafka, databases, and queues
- Developed multiple micro-frontends handling thousands of daily visits
- Improved CI/CD pipelines for AWS deployments using Terraform, reducing deployment time by 20%
- Led 60+ technical interviews for various roles, including frontend, backend, and system design.

Software Engineer

Madrid, Spain

Atlas Real Estate Analytics

Jan 2020 - Jul 2022

- Launched a real estate SaaS for the Spanish market, securing 400+ B2B clients within a year
- Designed data collection and processing pipelines with advanced visualizations composed of millions of data points
- Orchestrated the automatic deployment, testing and monitoring of the system, resulting in a 99.999% up-time

Data Analytics Intern

Medellin, Colombia

EAFIT University

Jan 2018 - Jun 2018

- Administrated databases and automated the creation of 20+ reports
- Extracted hundreds of metrics and measurements for decision-making and monitoring

EDUCATION

UC3M University

Madrid, Spain

Bachelor of Science in Finance, Minor in Data Science

Aug 2018 - May 2021

Johns Hopkins University

Remote

Data Science Specialization

May 2019 - Sep 2019

EAFIT University

Medellin, Colombia

Bachelor of Science in Finance

Jan 2017 - Jun 2018

PROJECTS

Monolith Migration to Microservice | *Django, Fastify, Kafka, AWS EKS and Lambda*

Jul 2022 – Jan 2023

- Planned and carried out a migration of over 80K users into a standalone microservice
- Set up the Carrier User Service and User Authorizer to manage thousands of requests
- Implemented a new onboarding flow and user authentication to support over 1K daily active users

Real Estate SaaS | *React, Django, FastAPI, Kubernetes*

Jan 2020 – Jul 2022

- Created a data analytics SaaS for the Spanish Real Estate Market garnering 400+ B2B users in less than one year
- Executed data extraction and processing processes, scraping and ingesting over a 1M websites per day
- Architected house pricing models from over 40M historical records

TECHNICAL SKILLS

Languages: Typescript, Python, Javascript, Node.js, HTML, CSS, R

Databases: SQL (PostgreSQL, MySQL), DynamoDB, MongoDB

Frameworks: React, Vue, Svelte, Fastify, Express, FastAPI, Django, NestJS, Next.js, Tailwind

Devops: Terraform, AWS (EC2, EKS, Lambda, S3), Kubernetes, Docker, Linux

Testing & Monitoring: Jest, Cypress, Playwright, Pytest, Datadog, Sentry, CloudWatch

SOFT SKILLS

Languages: English(C2), French(C2), Spanish(C2), German(B2), Dutch(B1), Italian(B1)

Product management: Technical design documents, data-driven decision making, strategic planning, risk management and resource allocation

Collaboration: Detailed code reviews, agile methodology, mentorship and knowledge sharing, pair programming, continuous improvement