

I build and operate critical systems at **Amazon** — backend services at scale across the marketplace, owned end to end from design to on-call.

EXPERIENCE

Software Engineer · Amazon

2020 — PRESENT · MADRID

Building and operating backend systems at scale across the marketplace. Currently on the regulated-products experience, including categories such as [Amazon Optics](#), over-the-counter medicines and veterinary medicines across the full customer journey.

- Design and operate distributed backend services across multiple global marketplaces, using AWS primitives such as Lambda, DynamoDB, S3, SQS/SNS, ECS and infrastructure as code.
- Build compliance-aware engineering solutions for the marketplace, spanning listing, eligibility, purchase and fulfillment.
- Own features end to end — architecture, implementation, rollout, monitoring and on-call — and lead operational excellence in my org.
- Perform on-call duties for multiple critical services, driving incident response, post-mortems and resilience improvements to keep services available and performant at scale.
- Drive technical direction, review designs and code, and mentor newer engineers inside an agile team.

Software Engineer · Noesis Technologies

2019 — 2020 · MADRID

Integrated NoesisGUI, a proprietary UI middleware, into a web product used to share interfaces with clients.

- Built xamltoy, a full-stack React application for authoring and rendering XAML interfaces in real time.

Full-Stack Engineer · IMDEA Networks Institute

2019 · MADRID

Built a communications reporting and BI tool used by the institute to track and analyse media impact.

- Shipped the platform with a Dockerised deployment and real-time reporting.

SELECTED WORK

xamltoy

NOESIS TECHNOLOGIES

A web playground to write, share and render user interfaces in real time using XAML and Noesis' UI middleware. Full-stack React application integrated with external APIs such as GitHub Gist for content storage and sharing.

React · Node.js · GitHub Gist API · WebAssembly runtime

Renfe por ti

TRENLAB HACKATHON — WINNER

Winning project of the first hackathon held on board a Madrid–Barcelona AVE, organised by TrenLab (Renfe's accelerator, run by Wayra Telefónica). A WhatsApp-first assistant delivering ticket information, arrival alerts and satisfaction surveys. Awarded three months at TrenLab in Wayra Madrid plus six months of Talent Garden mentoring.

Conversational UX · WhatsApp API · Node.js · Product design

Communications Reporting Tool

IMDEA NETWORKS INSTITUTE

A web application to record and analyse the impact of scientific research on the media, with real-time statistics and reporting. Deployed with Docker.

Full-stack web · PostgreSQL · Docker

TOOLKIT

LANGUAGES

Java · TypeScript / JavaScript · Python · SQL · Kotlin

FRONTEND

React · Node.js · REST & GraphQL APIs · HTML / CSS

BACKEND & CLOUD

AWS · Distributed systems · Lambda · DynamoDB · SQS / SNS · Docker

WAYS OF WORKING

Design reviews · Mentoring · On-call & operations · CI/CD · Agile delivery

EDUCATION

Dual Bachelor's in Computer Science & Business Management

2015 — 2021

Universidad Carlos III de Madrid · exchange year at San Francisco State University