

EDUARDO SANCHEZ BAUTISTA

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EXPERIENCED SOFTWARE ENGINEER

9+ years as a software engineer, I specialized in architecting cloud-native solutions with a strategic product mindset.

By prioritizing fundamentals over siloed expertise, I address complex challenges—whether optimizing real-time vehicle integrations or streamlining microservices architectures—while cultivating adaptive, customer-focused teams.

Areas of expertise include:

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|--|---|--|
| <input type="checkbox"/> Architecture optimization | <input type="checkbox"/> JS / TypeScript / Go / Lua | <input type="checkbox"/> DevOps / GitOps / Terraform |
| <input type="checkbox"/> Product-led engineering | <input type="checkbox"/> MongoDB / PostgreSQL | <input type="checkbox"/> AWS / Azure / GCP |
| <input type="checkbox"/> Bootstrapping teams | <input type="checkbox"/> REST / GraphQL / Trpc | <input type="checkbox"/> Open-Telemetry / SRE |
| <input type="checkbox"/> Technical debt reduction | <input type="checkbox"/> Docker / Kubernetes / Argo | <input type="checkbox"/> API Gateway / Service mesh |
| <input type="checkbox"/> Cross-functional comms | <input type="checkbox"/> Istio / Envoy | <input type="checkbox"/> AI / API integrations |

PROFESSIONAL EXPERIENCE

eduardosanzb.dev, Berlin, Germany,

2025

*Bootstrap Tech Consulting practice focused on **product engineering**, **infrastructure design**, and **cross-team collaboration** for startups. Help teams build scalable systems, streamline engineering practices, and align technical decisions with business growth.*

As an **expert generalist**, I help my clients build scalable systems and align technical decisions with business growth. Examples of my work include

Trawa.de, Berlin, Germany, growth startup solving green energy provision. Focused on backend team bootstrapping, architectural cleanup, and cross-team alignment.

- Bootstrapped a new product team, shipped new features, and owned backend and data development
- Introduced abstraction layers in a monorepo to reduce coupling, improving maintainability
- Launched weekly leadership syncs + AI-powered Slack newsletters to reduce communication friction
- Resolved data inconsistencies in their DB schema through cross-team collaboration
- Helped the team to consolidate a new hire

Kombo.dev, Berlin, Germany,

2024–2024

Kombo.dev is a YCombinator startup that builds infrastructure to streamline HR processes and integrations across multiple platforms.

As a **staff software engineer**, I lead infrastructure modernization and technical initiatives while fostering engineering excellence. Key focus areas include *GCP migration*, *observability implementation*, and *incident management optimization*.

- Architected & implemented GCP infrastructure revamp using Terraform and CI/CD pipelines, cutting costs significantly while ensuring minimal downtime through enhanced security protocols and performance optimization.
- Established a company-wide observability framework by consolidating monitoring signals and implementing strategic alerting. Developed training materials to standardize practices.
- Developed incident response protocols and mentored the team in root cause analysis, reducing resolution time. Implemented a runbooks culture for system reliability.
- Promoted inclusive engineering practices via knowledge sharing, mentoring, and cross-team collaboration to drive sustainable development.

Unity Technologies, Berlin, Germany,

2022–2024

Unity Technologies develops the Unity game engine and a development platform for creating interactive experiences for various platforms. Unity is headquartered in San Francisco, California, and has offices worldwide.

As a Senior Software Engineer Level 6 on the Services Foundation team, I designed and maintained a self-service API Gateway for Unity, supporting internal teams with feature development, system stability, and best practices. I modernized infrastructure and scaled high-throughput systems using Kubernetes, Envoy, GCP, Node.js, and Go.

- **Interim lead** for the team that maintains the current API Gateways, working with TPM to prioritize new features, organize the roadmap, oversee security reviews, and actively work on new features.
- Part of the research team to evaluate the technology for the **new API Gateway**, evaluating multiple technologies and coming up with a strategic selection.
 - Negotiated with enterprise providers, fostered the conversation to come up with a decision, and orchestrated the development of the **foundation building blocks**.
 - Designed the **main architecture**, having in the scope *multi-teams, multi-clusters, multi-providers, performance, maintainability, and DevExp*.
- Designed and built the foundation for an authorization gRPC service to work within the new API Gateway, **built with Go, gRPC, and OTEL instrumentation**.
- Improved some parts of our cloud costs by around 60% and **saved the company around ~\$70k annually**, all of this by taking an in-depth look into our logging usage/storage.
- Maintained and improved an in-house telemetry proxy **written in Go**; part of the efforts included migrating the global DNS records for global production. The service was meant to provide observability for a 20-year-old service.
- Contributed to open-source modules like **autocannon, Istio and others**, helping to improve functionality, raising issues, or proposing changes.

Atmo.earth, Berlin, Germany,

Dec 2023–Feb 2024

atmo.earth is a new startup dedicated to combating climate change through innovative carbon sequestration methods.

As a **Prospect Founding Engineer**, I built, *at no cost*, the V1 of the MVP, which was presented at *Finovate*, one of the largest fintech conferences in London, garnering significant attention and interest from investors.

- Led the development of the MVP, overseeing all technical decisions within the scope, taking executive decisions on product workflow and design; leveraged no-code tools to build the platform rapidly within a few weeks, taking critical architectural decisions prioritizing modularity, flexibility, and quality within the context.

BCG PLATINION GmbH, Berlin, Germany,

2018–2021

BCG Platinion, part of The Boston Consulting Group, provides global consulting services for IT architectures, digital products, and data transformations.

As a **lead engineer**, I developed multiple POC/MVP and enterprise-grade solutions, with broad business contexts, using multiple technologies on different levels. Examples of projects:

- Led development of a real-time vehicle-to-marketplace solution for a German car manufacturer, reverse-engineering infotainment systems and implementing event-driven architecture with ReactJS, Node.js, Go, and IoT to enhance customer experience and drive sales.
- Led a 6-engineer team to build a global financial MVP for a telecom giant using ReactJS and .NET microservices, detecting ~\$1M/year in legacy financial loopholes while improving transaction efficiency and accuracy.
- Developed aerospace supply chain POC using IoT, Hyperledger blockchain, and ReactJS, improving visibility/traceability while reducing operational expenses.

OTHER PROFESSIONAL EXPERIENCES

- Full-Stack Engineer—**optilyz GmbH, Berlin, Germany.** 2017–2018
- Software Engineer—**Generation by McKinsey & Company Social, CDMX, Mexico.** 2016–2017
- Software Engineer Jr.—**Lucasian Labs Mexico, CDMX, Mexico.** 2016
- Software Engineer Internship—**Weetsi Solutions, CDMX, Mexico.** 2015

EDUCATION AND ADDITIONAL INFORMATION

Bachelor of Software Engineering (B.SE); (2016) ;
UNIVERSIDAD POPULAR AUTÓNOMA (UPAEP), Puebla, México; CARINTHIA UNIVERSITY OF APPLIED SCIENCES, Villach, Austria

Additional Information: Sports: gym, squash, and in-line hockey. **Hobbies:** Music, woodworking, coffee, and street photography. **Languages:** Spanish (*native*), English (*C1*), German (*B1*)