EDUARDO SANCHEZ BAUTISTA

(+49) 176 6429 80 47 | eduardosanzb@gmail.com | www.eduardosanzb.dev | LinkedIn | `npx eduardosanzb`

EXPERIENCED SOFTWARE ENGINEER

With over 8+ years of experience as a software engineer, I specialize in delivering high-quality cloud solutions with a product-oriented mentality. From mobile, web, and CLI applications to high-throughput systems like Gateways and financial pipelines, I've worked in both B2C and B2B domains across diverse industries including telecommunications, e-commerce, gaming, and health. I excel in managing tech debt and transitioning between pragmatic PoC/MVPs and production solutions. With a product-oriented mindset, I can perform leadership tasks such as mentoring, hiring and team/culture building.

Areas of expertise include:

- ❏ Leadership/Mentorship
- ❏ JS / Typescript / Go / Lua
- ❏ ReactJS/Angular/ React-Native
- ❏ Node.js / Deno
- ❏ MongoDB / PostgreSQL

- ❏ Elasticsearch / redis / Kafka
- ❏ REST / GraphQL / OpenAPI
- ❏ Docker / Kubernetes / Argo
- ❏ Kubernetes / Istio / Envoy
- ❏ DevOps / GitOps / Terraform

- ❏ AWS / Azure / GCP / GHA
- ❏ Open Telemetry / SRE
- ❏ API Gateway / Service mesh

PROFESSIONAL EXPERIENCE

Unity Technologies, Berlin, Germany,   2022 – Present

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

As a **Senior Software Engineer Level 6,** I work in Services Foundation team, which is responsible for providing a self-service API Gateway. I work adding new features, keeping the systems and providing guidance to our customers *(other unity teams).* We contribute to the advancement of modern infrastructure, and the usage of 1st class engineering practices for high throughput production systems. I'm Proficient in utilizing cutting-edge cloud tools such as Kubernetes, Envoy, GCP and developing extremely scalable backends with Node.js and Go.

- Participated in the company Hackweek, coming up with a useful internal tool to provide week logs, **using GenAI and different RAG techniques.**
- **Interim lead** for the internal team that maintains the current API Gateways, working with TPM to prioritize new features, organize the roadmap, overseeing security reviews and actively working in new features.
- Part of the researching 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, adding OTEL instrumentation.**
- Improved some parts of our cloud costs in around 60% and **saving 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 functionally, 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 move to build the platform rapidly within a few weeks, taking critical architectural decisions prioritizing modularity, flexibility, and quality within the context.

Tilda (All about me GmbH) *(Ceased operations)* **Berlin, Germany,**   2021 – 2022

Health-Tech startup with the goal of making women's lives healthier and happier, by preventing and treating mental disorders.

As a **Lead Engineer**, I guided the team to meet BfArM's certification requirements for our DiGA by providing hands-on technical leadership and ensuring alignment with project objectives; aiding the team to quick adaptation to new requirements quite often.

- Organized and streamlined the product team workload and sprint planning, while mentoring less experienced engineers and implementing best practices in the codebase (*removing code smells)*, architecture (*usage of inversion principle and sustainable architecture practices)*
- Worked as the **right hand to the CTO**, taking up managerial tasks such as **hiring, mentorship and stakeholders mgmt**.
- Led the successful migration from AWS Cognito to Keycloak as the authentication service, customizing the instance with a Java adapter to emit webhooks for our workflows.

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. Constantly adapting to project contexts, management, and methodologies.

- Led the hiring for the next cohorts of engineers that join the team**, evaluating cultural and technical fit.**
- Led the development of an MVP **real-time marketplace-to-vehicle experience solution for a German car manufacturer**. Reverse-engineered the vehicle infotainment system and implemented a solid solution to improve the customer experience and increase sales. Utilizing technologies such as *ReactJS, Node.js, Go, Angular6, and IoT, with an event-driven architecture.*
- Led a team of 6 engineers using *ReactJS and .Net* microservices to build a **global financial** MVP for a telecom giant, resulting in increased efficiency and accuracy in financial transactions. **Detecting legacy financial loopholes that cost the company ~$1M per year.**
- Developed a proof of concept for **aerospace supply chain management** utilizing a combination of *IoT*, *web*, and *blockchain* technologies. By leveraging the *Hyperledger stack, ReactJS, and Python,* the POC showcased enhanced supply chain visibility and traceability, leading to increased operational efficiency and reduced costs.

optilyz GmbH. Berlin, Germany,   2017 – 2018

A European startup that offers an integration to automate mailing for cross-channel marketing.

- Implemented concurrency models in a highly complex *ReactJS* and *Redux-Saga* application, resulting in remarkable UX for complex asynchronous user tasks.
- Refactored the backend code to use streams when processing CSV data, this was a superior way than the in-memory approach used by previous developers.

EDUCATION AND ADDITIONAL INFORMATION

Bachelor of Software Engineering (B.SE); (2016) ; UNIVERSIDAD POPULAR AUTÓNOMA (*UPAEP)*, Puebla, México.

Exchange Program in Systems Design; (2015) CARINTHIA UNIVERSITY OF APPLIED SCIENCES, Villach, Austria

Additional Information: Sports: Biking (gravel, touring), squash, In-line hockey. **Hobbies:** Dancing 🕺, Music, Wood, Coffee Brewing, photography. **Languages**: Spanish *(native)*, English *(C1)*, German *(A2)*