

EDUARDO SANCHEZ BAUTISTA

(+49) 176 6429 080 47 | eduardosanzb@gmail.com | www.eduardosanzb.dev | [Linkedin](#) | npx eduardosanzb

EXPERIENCED SOFTWARE ENGINEER

Passionate and creative **software engineer** with 6+ years of wide-ranging experience and problem-solving skills. Expert in architecting web & mobile solutions. Proven ability to adapt & deliver under stressful circumstances while maintaining the team spirit. Recognized for being **highly proactive** and a strong strategic thinker with an innate ability to discover unmet users needs and transform them into globally scalable software solutions. Always learning and in pursuit of self-growth. **Areas of expertise include:**

- | | | |
|--|--|--|
| <input type="checkbox"/> Fullstack Javascript / Typescript | <input type="checkbox"/> Docker / K8s | <input type="checkbox"/> RESTful / GraphQL |
| <input type="checkbox"/> ReactJS / Angular | <input type="checkbox"/> IAC (Terraform, Cloudformation) | <input type="checkbox"/> JAMStack / Low-code tools |
| <input type="checkbox"/> Go | <input type="checkbox"/> CI/CD (azure, github, circleci) | |
| <input type="checkbox"/> MongoDB / PostgreSQL / MySQL | <input type="checkbox"/> AWS / Azure cloud | |
-

PROFESSIONAL EXPERIENCE

Tilda (All about me GmbH). Berlin, Germany

2021 - Present

Making women's lives healthier and happier, Tilda builds products to prevent and treat mental disorders. Built on scientific methods and great user experience. In the process to become a digitale Gesundheitsanwendungen (DiGA)

Lead Engineer

Lead the product development from the engineering perspective and supported the other lead engineer focused on fulfilling the requirements defined by the BfArM (*Federal Institute for Drugs and Medical Devices*) to gain the certification of a DiGA.

Key Contributions:

- Organized the product team workload and sprint planning, while syncing with the technical certification team. Part of this task was to enable less experienced engineers by unlocking them or mentoring them. Besides applying best practices to the codebase, architecture, and ways of working.
- Lead the migration from AWS Cognito to an open-source (Keycloak) as authentication service; Customised the instance with an adaptor (written in Java) to emit webhooks for our workflows.
- Migrated the platform architecture from a heavily coupled AWS one to an agnostic one; by using docker, k8s, and knative; Then planned to deploy this architecture to european-based cloud providers.
- Lead implementation of a Pseudonymization service to fulfill GDPR and DiGA requirements, by decoupling all data sensitive workflows to a separated microservice. Using NodeJS and deployed into a separated k8s cluster.

BCG PLATINION GmbH. Berlin, Germany

2018 - 2021

As an integrated part of The Boston Consulting Group, Platinion provides consulting services focused on the development and implementation of business-critical IT architectures, digital products & services on a global scale.

Lead Engineer

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.

An example of some projects I worked on:

- Lead a team of 6 engineers, in charge of building a complex financial MVP for a telecom giant in the Nordics; The platform was successfully rolled out globally addressing the creation of a single source of truth for customer pricing & quotation. Using ReactJS and DotNet microservices.
- Implemented the IAC & CI/CD for an internal DevOps platform, using k8s operators on top of AWS EKS and terraform enabling seamless integration with automated infrastructure; unlocking more flexible and frictionless DevOps for developers within the company; Improving the DevEx allowing devs to focus into delivering POC/MVPs faster.
- Designed, led, and developed an MVP real-time marketplace-to-vehicle experience solution for a German car manufacturer, by reverse-engineering the vehicle infotainment system based on web architecture and implementing a solid solution given the difficult constraints (memory & data-costs constraints). Besides that, I also focused on the development of an assisted content creation web app and an in-vehicle application using an event-driven architecture to consume the content. Using a mix of ReactJS, NodeJS, Go(lang), and Angular6.

- Built an MVP for distributed supply chain management for the Aerospatiale industry. Using a combination of IoT, web, and blockchain technologies we materialized an industry 4.0 solution. Using a combination of Hyperledger stack, ReactJS, and python.

optilyz GmbH. Berlin, Germany

2017 - 2018

Europe's leading direct mail automation software. Offers marketing integration to automate mailing of letters, postcards, and self-mailers into cross-channel marketing.

Fullstack Engineer

Developed a marketing platform, integrating with CRM such as Salesforce. Involved in recruiting new team members.

Key Contributions:

- Improved the overall Backend architecture by introducing streaming for data processing reducing the CPU consumption by 20%. Implementing a modular and reusable library of NodeJS custom Transform streams.
- Applied concurrency models in a highly complex reactJS & redux-saga application. Creating amazing UX for very complex async user tasks.

McKinsey.org (previously McKinsey Social Initiative). Mexico City, MX

2016 - 2017

A nonprofit founded by McKinsey & Company to have a lasting and substantial impact on complex social challenges. Rolling out the successful project "Generation" which focused on transforming education to employment with a global reach of 39,130 graduates in 14 countries.

Software Engineer

Developed an educational platform, interfacing with a globally distributed team by gathering requirements from 5+ different countries where I worked from frontend to microservices implementation

Key Contributions:

- Filtered, prioritized, and implemented multiple users requirements from different countries, without design support delivering new features every 2 weeks.
- Implemented a recruiting tool PWA with a self-video-recording, using WebRTC emphasizing data performance given that our target country users had a limited amount of it. Using reactJS and AWS lambda to post-processing video streams.
- Developed a permissions inheritable-configuration module, which abstracts the complexity of assigning permissions and roles to the user.

EDUCATION AND ADDITIONAL INFORMATION

Bachelor of Software Engineering (B.SE); (2016)

UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA, Puebla, México.

Exchange Programme in Systems Design; (2015)

CARINTHIA UNIVERSITY OF APPLIED SCIENCES, Villach, Austria

Pieces of training:

Slide Writing. *The Boston Consulting Group - Cologne, Germany, Work Planning and Meeting Management.* *The Boston Consulting Group - Cologne, German*

Activity & Awards:

2016 ICPC-ACM Regionals Finalist, Google Student Ambassador, Fundacion Aurora Marin de Taboada Scholarship, Vice-President of IT student department, BCG Platinion 2019 Hackathon winner

Additional Information:

Sports: Biking (gravel, touring), squash, In-line hockey. **Hobbies:** Latin Dances, Coffee Brewing. **Languages:** Spanish (*native*), English (*C1*), German (*A2*)