

LEONARDO KRUMMENAUER BRUKSCH

SC, Brazil | leonardo.bruksch@gmail.com | <https://www.linkedin.com/in/leonardo-bruksch-65246198>

SUMMARY

About Me : Full-Stack Software Engineer with 5+ years of experience delivering scalable web, mobile, and serverless solutions. Language-agnostic and always exploring new technologies.

Tech Stack : Python, Typescript, NextJS, React, React Native, AWS, Microservices, Java, Spring Boot, NoSQL/SQL, Rest API, Node, Expo, Test Driven Development, Docker, IoT Integration, Git, Jira, AI, Shopify

WORK EXPERIENCE

V-DAQ

Wollongong, Australia

Full Stack Software Engineer

Nov 2023 - Sep 2025

- Architected and led backend development for IoT asset tracking systems, designing scalable data ingestion pipelines and storage solutions that processed millions of telemetry events daily.
- Implemented an event-driven data storage architecture on AWS S3, reducing data operational costs by 70% while improving query speed and data accessibility across systems.
- Developed responsive client-facing platforms with Next.js and TypeScript, ensuring intuitive user experience and secure integration with backend systems.
- Implemented high-performance real-time maps with Google Maps and [deck.gl](#), rendering thousands of live moving markers without lag or excessive memory usage.
- Implemented and optimized serverless backends in Python using AWS Lambda, REST API's and queue messaging systems delivering efficient and cost-effective solutions.
- Built cross-platform mobile apps in React Native (Expo, EAS) using Google Maps and Native bluetooth stack.
- Led a cultural shift in the team by advocating for use of typescript and test driven development across the team.

Unitech

Wollongong, Australia

Full Stack Software Engineer

Jan 2023 - Nov 2023

- Utilized a range of Full Stack development technologies, including Java EE, JavaScript, Typescript, React, SpringBoot and Docker, to create web applications for time management, scheduling and billing software.

Self-Employed

Florianópolis, Brazil

Digital Product Entrepreneur

Sep 2018 - Oct 2022

- Developed and managed eCommerce businesses, leading to profitable outcomes.
- Developed mobile friendly websites and successfully integrated with third-party applications and payment systems.
- Developed SaaS Shopify plugins to increase e-commerce revenue.

SAP Labs

São Leopoldo, Brazil

Backend Software Engineer

Apr 2015 - Mar 2019

- Development of e-commerce applications leveraging Java Spring Boot, Javascript and ABAP.
- Agile software development following Clean Code, Test Driven Development and Design Patterns guidelines.
- Collaborated with international teams to ensure seamless project delivery.

Accera

São Leopoldo, Brazil

Support Analyst

Mar 2014 - Mar 2015

- Setup and maintenance of Supply Chain softwares.

EDUCATION

Unisinos

São Leopoldo, Brazil

Bachelor's Degree in Computer Science

Graduation Date: Nov 2018