

Lucas Martin Sing

Senior Backend Engineer

contact

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languages

English Professional
Spanish Native speaker
German Intermediate (B1)

stack

Python ■■■■
Node.Js ■■■■
Django ■■■■
React.Js ■■■■
AWS ■■■■
GCloud ■■■■
Docker ■■■■
Terraform ■■■■

summary

Backend engineer with 5+ years of experience designing and scaling APIs, working in cross-functional teams, and aligning engineering with business goals. Proven ownership over production systems and real-time features used by millions of users.

experience

Full Time

Aug 2024 -
Mar 2025

Globant - Gannett USA Today Network

Germany · Remote

- Led development of APIs powering 20+ high-traffic products for a major U.S. media group, impacting millions of daily users.
- Drove migration of reCAPTCHA and user entitlement services, aligning backend systems with new security and access control strategies.
- Took ownership of production issues (40K+ hourly session errors), analyzed root causes, and implemented scalable solutions with logging, monitoring, and tracing.
- Collaborated with U.S. product teams to deliver backend changes aligned with business goals and subscription flows. Stack: Python, Django, PostgreSQL, Terraform, CI/CD, Grafana, Fastly

Skills: Python, Django, PostgreSQL, Terraform, CI/CD, Grafana

Sep 2022 -
May 2024

Prezi (Payments and Porter)

Germany · Remote

- Co-created Porter, a Zoom-integrated collaboration app for remote teams, used internally and externally to enhance meeting productivity.
- Rebuilt core components of the payment infrastructure integrating Zuora, Avalara, and Allpago — supporting global invoicing and compliance.
- Automated key test flows and created Grafana dashboards to monitor critical product metrics, reducing post-release incidents by 40
- Participated in architecture discussions and helped shape API contracts with frontend and payment partners.

Skills: Django, React.js, AWS, PostgreSQL, GitHub Actions, Zoom SDK

Jan 2022 -
Jun 2022

ValueWorks - Fullstack Developer

Germany · Remote

- Delivered new features for an AI-powered executive dashboard, helping C-level users analyze KPIs and metrics from multiple sources.
- Refactored caching logic and database layer, reducing average load time by 35

Skills: Vue.js, Django REST, PostgreSQL, Redis, Azure

Nov 2019 -
Dec 2021

Justus Liebig Universität - Fullstack Python-js Developer

Gießen, Hesse, Germany · Hybrid

- Built firmware + UI for custom chromatography instruments used in academic research.
- Led a small dev team and mentored junior student developers through sprints and technical reviews.
- Delivered production-ready systems combining Django + C++ + OpenCV for data acquisition.

Skills: Django, JavaScript, SQLite, C++, OpenCV, Docker

education

2012–2019 **Engineer's Degree**

Universidad Tecnológica Nacional, Argentina

Graduated with a focus on microcontroller programming and hardware programming (VHDL).

2017–2018 **Engineering Internship**

Ruhr University Bochum, Germany

Scholarships from DAAD (German Academic Exchange Service) for students in engineering sciences.

awards

2012–2017 **YPF Foundation Scholarship**

Awarded for academic excellence.