

Gabriel Koerich | Software Engineer

Summary

Software engineer and entrepreneur with 17+ years of experience building scalable systems. Founded Bulldesk (acquired 2021), a Marketing Automation + CRM platform. Currently focused on blockchain engineering, building DeFi protocols on Solana (Rust/Anchor) and EVM (Solidity). BBA in Finance.

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Core Competencies

Blockchain: Solana (Rust, Anchor), EVM (Solidity, Foundry, Hardhat), DeFi integrations, security-first design, onchain/off-chain indexing, comprehensive testing (unit, fuzz, integration)

Full-Stack: Rust, Python, Node.js/TypeScript, Laravel, Vue.js, React

Infrastructure: MySQL, PostgreSQL, Redis, Docker, CI/CD, GitHub Actions, Terraform, AWS, GCP

Professional Experience

Senior Software Engineer — Lulo (Nov 2022 - Present)

Smart contract development for DeFi protocol that grew to +\$100M TVL/AUM. Designed dual-pool architecture: a security pool protecting users against protocol hacks while generating yields, and a higher-yield pool with standard DeFi risk exposure.

- Architected protocol + CPI integrations with major Solana protocols
- Built SDKs, CLIs, and comprehensive test suites (Rust unit + Anchor integration)
- Developed EVM protocol integrations using Solidity and Forge

Stack: Rust, Solana, Anchor, TypeScript, GitHub Actions, GCP

Solana Smart Contract Engineer — Freelance (Oct 2021 - Nov 2022)

Built multiple Solana projects: NFT marketplace with custom auctions, price prediction game with on-chain oracles, and DeFi contracts using Orca Whirlpool. All with comprehensive testing, modular architecture, and JS SDKs.

Stack: Rust, Solana, Anchor, TypeScript

Senior Software Engineer — Covie (Apr 2021 - Dec 2021)

Built integrations with insurance companies, processing high-volume policy data and claims workflows.

Stack: Symfony, Node, PostgreSQL

Founder — Bulldesk (Sep 2015 - May 2021)

Founded and scaled Brazil's first combined Marketing Automation + CRM platform. Built core architecture, managed infrastructure, and led product development. Acquired in 2021.

- Scale: 80M+ monthly user requests, 500M+ monthly background jobs
- Multi-server architecture with load balancers, MySQL replication, Redis queues
- Complex automation engine processing 1M+ leads through multi-step campaigns

Stack: Laravel, Node, MySQL, Vue.js, Redis, AWS

Founder / Full Stack Engineer — Algorit (Jun 2013 - Sep 2016)

Digital agency and software house. Responsible for all software development and business operations.

Freelance Web Developer (2008 - 2013)

Self-taught web development during university. Built websites and web applications for local clients.

Education

- **BBA Finance** — Universidade do Sul de Santa Catarina (2008-2012)
- **English Language Studies** — LSI, London (2010)

Languages: Portuguese (native), English (fluent)

Last updated: February 2026