

Rickson Gleison Santos Oliveira

Senior Software Engineer | Backend and Full Stack

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[linkedin.com/in/rickson-oliveira](https://www.linkedin.com/in/rickson-oliveira/) | github.com/ricksonoliveira | Upwork

PROFILE

Software engineer with 7+ years of experience taking products from initial architecture to production, owning backend systems, and leading development teams. Built a SaaS MVP as the sole engineer and brought it to paying customers before leading its development team. Core experience in Elixir, Python, TypeScript, and React, with hands-on work in AI integrations, asynchronous workflows, and legacy modernization.

TECHNICAL SKILLS

Languages and frameworks: Elixir, Phoenix, LiveView; Python, Django, FastAPI; TypeScript, JavaScript, Node.js, React, Next.js; Go (project-based).

Backend and data: REST APIs, GraphQL, gRPC, OTP, Oban; PostgreSQL, MySQL, SQL Server, Elasticsearch.

Infrastructure and delivery: Docker, Kubernetes, Linux, AWS, GCP; CI/CD, GitHub Actions, Azure Pipelines; TDD and code review.

AI engineering: OpenAI and Gemini integrations, LangChain, MCP tooling, background agents, inference usage metering and observability; RAG concepts.

PROFESSIONAL EXPERIENCE

OpenInfer

Jan 2026 - Sep 2026

Senior Software Engineer | Freelance

- Built inference tooling that captured AI API interactions for developer debugging and exposed token consumption, API usage, and pricing for usage metering and cost visibility.
- Implemented MCP tools, scheduled background agents, and LLM workflows using Elixir, Python, and LangChain, including OpenAI-compatible integrations.

IrisMed

Oct 2025 - Dec 2025

Senior Software Developer | Freelance

- Built Python data pipelines and transformations across Django and FastAPI services, keeping data formats and API contracts consistent between services.
- Integrated Gemini for medication and treatment summaries and implemented asynchronous workflows for long-running processing.

Prospect Zero

Feb 2024 - Oct 2025

Lead Software Engineer

- Built the MVP as the sole engineer, owning architecture, backend, user interface, and AI integrations; launched the SaaS product with paying customers.
- Turned founders' requirements into production features, then onboarded and led engineers while retaining ownership of core architecture and delivery.
- Built a LinkedIn outreach agent that stopped its follow-up loop when a lead replied and handed the conversation to marketing. Revalidated queued jobs against the latest lead state before execution to prevent stale sends.

PROFESSIONAL EXPERIENCE CONTINUED

LoLo Inc.

Mar 2024 - Sep 2024

Senior Software Engineer

- Delivered backend features for an established SaaS platform, including Stripe and Twilio webhook integrations and asynchronous job flows with Oban.
- Combined TDD, code reviews, and pair programming to maintain quality while delivering complex features under tight deadlines.

Ateliware

Mar 2022 - Mar 2024

Senior Software Engineer

- Led backend initiatives across multiple projects, mentored developers, and introduced automated testing and CI/CD pipelines to strengthen release confidence.
- Modernized a legacy SaaS application handling millions of requests, migrating its architecture to modern Elixir and Phoenix patterns.
- Built concurrent background jobs with OTP and integrated Elixir, Python, and JavaScript services across distributed, multicultural teams.

Timely

Mar 2021 - Mar 2022

Backend Software Engineer

- Modernized API endpoints, optimized SQL queries, and improved background processing with PHP queueing strategies.
- Introduced TDD into the development workflow and delivered business-critical updates with a distributed team using Laravel, Node.js, and SQL Server.

JMV Technology

Jan 2019 - Feb 2021

Full Stack Developer

- Built an educational streaming platform from the ground up to production, including payments and scheduled subscription management.
- Led the backend team, introduced TDD and GitHub Flow, and automated deployment pipelines while translating requirements from the CEO and stakeholders.

GO PROJECT

FleetLab | Personal project | 2026

github.com/ricksonoliveira/fleetlab

- Built a Go TCP server and synthetic fleet telemetry simulator with a goroutine per connection, bounded channels, a fixed worker pool, backpressure, cancellation, and atomic metrics.
- Validated 100 connections and 1,000 acknowledged messages with zero errors in a local test; passed automated tests, the race detector, go vet, and build checks.

EDUCATION

Bachelor's Degree in Analysis and Systems Development | UniCesumar