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• Backend & Platform Engineer · Internal Developer Platforms
• Go / TypeScript / Python

01 SUMMARY

Backend & platform engineer with **6 years** building production systems, focused on **Internal Developer Platforms** and developer experience. Spent **5 years at Stone Pagamentos** (junior → Backend Engineer II) helping build the company's IDP — **Backstage, Crossplane, Terraform, multi-cloud, GitOps**, used by dozens of squads. Now building **Yggdrasil**, an open-source control plane for platform engineering. Ship in **Go, TypeScript and Python**, with AI tools in the daily workflow.

02 EXPERIENCE

2021 – 2026

5 years

Stone Pagamentos S.A. · Fintech

Backend Engineer (Junior → Backend Engineer II) — Internal Developer Platform

- One of the engineers who built the company's **Internal Developer Platform** from its early days — today used by **dozens of squads**.
- Worked across the platform stack: **Backstage, Crossplane, Terraform, multi-cloud** and **GitOps** end to end.
- Built backend services in **Node.js / NestJS / TypeScript** with versioned REST/OpenAPI contracts, **PostgreSQL, Docker** and **CI/CD**.
- Owned features end-to-end: technical design, deployment, production monitoring and iteration, with security best practices (authn/z, input validation).
- Grew from **junior to Backend Engineer II** over five years; active in code reviews and collaboration with PMs on scoping and risk.

Ongoing

open source

Yggdrasil — open-source control plane

Creator & maintainer · platform engineering (in development)

- Building an **open-source control plane** (Apache-2.0) that **operates** infrastructure, not just catalogs it: declarative **manifests** with **apply / diff / rollback** (real GitOps) and a **workflow engine** with event-driven reactors.
- Written in **Go** with a **full-lifecycle CLI** and Go SDK; **pluggable integration adapters** (family→type→instance) over HTTP or message queue — AWS, GCP, Kubernetes, Stripe, Prometheus, Grafana, Loki, RabbitMQ and more, installable with one command.
- Self-hosted by design on the user's own **Kubernetes/Postgres**; MFA auth, multi-tenant **surfaces** (dashboards, APIs, MCP servers, bots) and a public integration contract anyone can extend.

2019 – 2021

early career

mech4u · SandreFrio

Founding engineer & freelance developer

- Founding engineer at **mech4u**; shipped to production an **automated parts-quotation** product — **Python** services driving **AutoCAD** to extract part dimensions from CAD drawings and price them.
- Built a **Django** web application for **SandreFrio** to digitize company data entry and management.

03 TECH STACK

Languages

Go TypeScript Node.js Python SQL

Platform / IaC

Kubernetes Terraform Crossplane Backstage GitOps Kustomize

Backend & data

REST APIs Microservices NestJS Django PostgreSQL Redis

Cloud & DevOps

AWS Docker CI/CD Multi-cloud Observability

Arch & practices

System design IAM (OIDC/SAML/SCIM) AI-assisted dev Code review
Automated testing

04 BACKGROUND & LANGUAGES

// practical background

Self-taught engineer. Started shipping production software at 17 and have built across startups and a major fintech since. Focused on platform engineering, developer experience and using AI tools to move faster without losing judgment.

// languages

Portuguese — native · **English** — advanced written and spoken communication for documentation, code review and meetings with international stakeholders and distributed teams.