

Leandro Faria

Full-stack engineer · Brasília, Brazil · UTC-3

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I'm a full-stack engineer in Brasília. I work as a solution architect at a state-owned bank, and I design, build and operate three products of my own — the same person writes the migration and gets paged when it breaks.

Solution architect at a state-owned bank, on an Agile Release Train

Head of IT at a military health unit doing 1,000+ appointments a day

Three products in production that I built and operate

EXPERIENCE

Solution Architect — BRB — Banco de Brasília

2022 — PRESENT

a state-owned Brazilian bank

I work in the bank's architecture modernisation team, and as the solution architect on an Agile Release Train covering a set of applications.

Day to day that means designing solutions and integrations with the teams that will build them, and keeping the decisions consistent across those teams. I write code, Terraform and configuration alongside the design work — I was also responsible for the OpenShift platform on the infrastructure side, and I currently work on platform engineering projects running on GCP and GKE.

I joined through Brazil's competitive public examination process.

Head of IT — Brazilian Air Force dental clinic, Brasília

2017 — 2022

military health service, 1,000+ appointments a day

I joined as a dentist and, because of my software background, spent the five years that followed running the IT section.

I led the telematics team and was responsible for the unit's systems, its IT plan, and the development and support of everything the clinic ran on. SININ and the Sistema de Retomada were both built in this period.

Owner, endodontist — Gold Odontologia

2014 — 2019

own dental clinic

I ran the clinic and saw patients, specialising in endodontics, while continuing to build software.

Estudador, QRDash and REP Calc are mine: I designed them, wrote them, deployed them and I operate them. Before those there were years of small custom systems for small businesses, alongside everything else on this page.

SELECTED WORK

Estudador

2025 — PRESENT · Next.js · NestJS · MongoDB · Clerk · Asaas API · DeepSeek API

AI-generated practice questions, checked against the source curriculum before a student ever sees them.

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Sistema de Retomada

2020 — 2021 · Angular · MySQL

COVID shut a dental clinic for three months. I built the system that decided who came back first.

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SININ

2017 — 2021 · PHP · MySQL

The clinic ran on paper. I built what the legacy system didn't do, one gap at a time — then helped replace it.

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EDUCATION

Postgraduate specialisation, Software Engineering — Universidade Católica de Brasília	2024 — 2025
Technologist degree, Systems Analysis and Development — IESB	2020 — 2022
Computer Science — Universidade de Brasília (UnB)	2014 — 2017
Not completed. I stopped in the sixth semester when I took over the IT section at the Air Force clinic and could not do both.	
Specialist, Endodontics — ABO-DF	2006 — 2007
Bachelor, Dentistry — Faculdades Integradas Faciplac	1999 — 2004

SKILLS

WHAT I REACH FOR FIRST TypeScript · NestJS · Next.js · React · Node.js · MongoDB	RUNNING THINGS Linux VPS · Nginx · Docker · PM2 · Terraform · GCP · GKE
WORKED WITH OVER THE YEARS PHP · Angular · MySQL · PostgreSQL · Java · Python · OpenShift	HOW I WORK Solution architecture · SAAFe / Agile Release Train · Decision records · Cost modelling · LLM integration

CERTIFICATION AND LANGUAGES

Certified SAFe 6 Practitioner — Scaled Agile, Inc. 2024

Portuguese — native

English — fluent, studied at Cultura Inglesa, Brasília