

# Bruno Moraes

## Senior Solutions Architect | Senior Full Stack Developer | AI Software Engineering

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### PROFESSIONAL SUMMARY

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Software architect and senior full-stack developer with hands-on experience since 2008. Specialist in PHP, Laravel and Flutter, with work in fintech (Banco Digio, EBANX), e-commerce (Mobly) and high-scale government systems (SISU and ENEM for Brazil's Ministry of Education, Presidency of the Republic). I design distributed systems, financial APIs and banking integrations with resilience and governance. I build software with Spec-Driven Development (GitHub Spec Kit, OpenKit, GSD, Superpowers), agent harnesses with Claude Code and MCP, agent evals, vector databases and semantic search.

### CORE SKILLS

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#### AI Engineering

Spec-Driven Development (SDD), GitHub Spec Kit, OpenKit, GSD, Superpowers, Claude Code, agent harness, subagents, context engineering, hooks and memory, MCP (Model Context Protocol), agent evals, vector databases, embeddings, semantic search, RAG, in-product copilots

#### Architecture

Solutions and platform architecture, C4 Model diagrams, As-Is and To-Be, hexagonal architecture, Clean Architecture, SOLID, distributed systems, microservices, REST API design, IT governance

#### Practices

TDD, clean code, design patterns, CI/CD, observability (Grafana, Prometheus), Scrum and agile

### PROFESSIONAL EXPERIENCE

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**Senior Solutions Architect — Banco Digio / act digital** Mar 2026 – Present  
*São Paulo (remote)*

- Design architectures supporting the full customer journey, from requirements with product teams to distributed systems, financial APIs and banking integrations.
- Map trade-offs and produce architecture designs (C4, As-Is/To-Be) that guide engineering teams with clarity, resilience and governance.

**Senior Software Engineer — EBANX / Objective** Dec 2024 – Mar 2026  
*Curitiba (remote)*

- Built and evolved critical features of the payments platform and a large-scale mobile app with thousands of daily active users.
- Backend APIs, infrastructure, performance, stability and security in a critical financial environment; translated complex product requirements into technical solutions.

**Head of Architecture — EasyJur Legal Software** Jul 2024 – Nov 2024  
*Uberaba, Brazil*

- Led the architecture team, optimizing internal development and infrastructure processes for more efficient, higher-quality delivery.

**Co-founder and Software Architect — APP2B Technology and Innovation** May 2017 – Nov 2024  
*Brasília, Brazil*

- Co-founded a development startup; architecture and delivery of web and mobile products such as Yolo Club, BestPresent, ServiçosMT and FacilitaGOV.

## Senior PHP Developer — Mobly

Dec 2023 – Jun 2024

São Paulo

- Marketplace integrations: Magazine Luiza, Mercado Livre and Leroy Merlin.

## Senior Full Stack Software Architect — Doutor-IE | Automotive Intelligence

Feb 2023 – Dec 2023

Florianópolis, Brazil

- Designed new solutions and led technical decisions; development in Laravel (PHP) and Flutter (Dart).
- Built the [codigodefalha.com.br](https://codigodefalha.com.br) portal in Next.js and MongoDB.

## Senior PHP Developer — Sigma Dataserv Informática

Apr 2022 – Mar 2023

Brasília, Brazil

- PHP development on enterprise systems.

## Senior Software Developer — Basis Tecnologia da Informação

Apr 2021 – Jan 2022

Brasília, Brazil

- Technical lead for SISU (Ministry of Education), supporting FIES, PROUNI and other systems.

## Technology Director — AJEDF

Jan 2018 – 2019

Brasília, Brazil

- Member management systems and the gamified Jovem Exportador platform.

## Systems Analyst — Módulo Security Solutions

Apr 2014 – Apr 2017

Brasília, Brazil

- Planning, architecture and development of large projects, from identifying the need to delivery.

## Web Systems Analyst / Programmer — Indra, Grupo Meta, GSInfor Digital, RData System

2011 – 2014

Brazil

- Progressed from junior programmer to web systems analyst.

## PROJECTS

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### Tino ([meutino.app](#))

AI family finance assistant running entirely on WhatsApp: expenses, shopping list, pantry, bills and medication reminders by text or voice, for up to 6 people.

### Nox Finder ([finder.noxfilms.com.br](#))

Face-recognition search platform based on facial symmetry calculation.

### ServiçosMT ([servicosmt.app](#))

Platform for finding verified local professionals, with quotes, chat, protected payments and Pix payouts.

### FacilitaGOV ([facilitagov.app](#))

App that monitors 13 Brazilian federal data sources 24/7 (CAUC, CAPAG, amendments, agreements, FNS, FUNDEB) and alerts municipal managers by phone.

### Yolo Club

Discounts app with over 50,000 users (Ionic, Laravel).

### ENEM monitoring dashboard (INEP)

Monitoring dashboard INEP uses to manage ENEM, Brazil's national high school exam.

### Olympic Torch Rio 2016 (Ministry of Sports)

App for tracking the Olympic Torch relay during the Olympics in Brazil.

### SIMPR (Presidency of the Republic)

Public works tracking system for the Presidency of the Republic of Brazil.

### **Sicredi infrastructure map**

Mapping of infrastructure resources and systems to track failures.

### **ICMBio wildfire map**

Wildfire map for tracking fires.

### **BestPresent**

Group gift-buying platform (PHP, Laravel, React).

### **Código de Falha**

Automotive fault-code portal (Next.js, MongoDB).

## **EDUCATION AND CERTIFICATIONS**

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- Scrum Foundation Certificate (SFC)
- Observability: application and infrastructure monitoring with Grafana and Prometheus
- Applied AI course — Malta
- 3-month English exchange program — Malta

## **LANGUAGES**

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Portuguese (native) | English (intermediate, B1)

## **TECHNICAL STACK**

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PHP, Laravel, Flutter, Dart, Ionic, React, Next.js, Node.js, TypeScript, Python, MongoDB, SQL, Docker, microservices, REST APIs, Git, CI/CD, Grafana, Prometheus