

# Gabriel Saraiva

## Staff Software Engineer.

### Full-stack, infrastructure, product, and AI experience.

To get my e-mail or my phone, hit me on LinkedIn.

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Last updated: May 2026

Full-time remote. Open to travel.

Araraquara, São Paulo, Brazil (UTC-3)

Available for EST/PST overlap.

Available for international business travel.

U.S. B1/B2 visa holder.

Staff-level Software Engineer with 10+ years building business-critical systems across marketplaces, mobility, proptech, fintech, payments, logistics, and internal operations. Founding-team experience turning complex workflows into reliable software, modernizing fragile systems, and shipping high-impact platforms from 0 to scale.

<b>3x Founding Engineer</b> Product-minded 0-to-1 engineering, team building, hiring, and foundations definition.	<b>100M+ requests/day</b> worked on high-volume ride-hailing marketplace systems	<b>R\$500k/day payments</b> Designed and operated grocery payment platforms from scratch.
<b>5 LATAM countries, 300k+ daily tasks.</b> Built critical systems that supported a 135k assets fleet across 200+ cities with critical SLA.	<b>95% less credit card fraud</b> Implemented payment risk controls and 3DS flows in grocery payments that kept fraud under control.	<b>International Experience</b> Worked remotely and in person with teams in the U.S., China, Brazil, and Mexico.

## CORE SKILLS

**Engineering:** Java, Python, TypeScript, JavaScript, Ruby, Scala, React, Next.js, Node.js, Spring Boot, FastAPI, NestJS, Android

**Infrastructure & data:** AWS, ECS, Terraform, Pulumi, Docker, PostgreSQL, MySQL, Redis, DynamoDB, Kafka, Airflow, CircleCI, GitHub Actions, Jenkins

**Reliability & Ops:** Observability, Postmortems, Incident Response, Datadog, Splunk, Elastic Cloud (ELK), New Relic, Metabase

**AI Workflows:** Claude (Desktop/Code/Agents/Skills/Guides/API), OpenAI (API), Junie, Cursor, GitHub Copilot. 2+ years of AI-assisted development experience.

## EXPERIENCE

### **SFR3 - Staff Software Engineer | April 2025 – April 2026 (1y)**

Remote, United States (PST / EST) | PropTech, field operations, routing, internal platforms for AmericanAve.com

- Built a real-time workforce planning and routing platform using VRP optimization, GPS data, job data, and field availability, reducing work from ~4 hours/day per manager to under 30 minutes.
- Modernized legacy routing and planning systems, improving operational uptime from 97.6% to >99.9% over 3 months while supporting multiple daily deployments.
- Migrated infrastructure to ECS, improved CI/CD, added observability, stakeholder alerts, and debugging dashboards, reducing infrastructure costs by 74%.
- Rebuilt a critical legacy property lifecycle system that manages 10k+ properties into a maintainable service, eliminating unexplained blocking Ops issues happening dozens/day. Tools to Ops team to self-service, without blocking field operations.
- Built AI-assisted workflows, skills, prompts, developer productivity, and operational tooling using Claude, Cursor, MCP, and related tools.

### **Mara - Founding Staff Software Engineer | Feb 2022 - Nov 2024 (2y 9m)**

São Paulo / Remote | Grocery marketplace, payments, fraud, reconciliation, infrastructure

- Joined the founding team, recruited and mentored early engineers, and established core engineering practices, infrastructure, and business-critical systems.
- Designed and built a payments platform spanning credit cards, Pix, bank integrations, payment gateways, cash flows, internal wallet balances, chargebacks, billing, and support tooling for Ops and CX to manage it.
- Operated payment systems processing up to \$1M/day with low maintenance overhead and high operational reliability; integrated Pix via PagSeguro and Itaú, cards through PagarMe, PagSeguro 3DS, and ClearSale.
- Implemented fraud controls that reduced confirmed fraud by 95% and built financial conciliation pipelines delivering <0.2% system-wide money-movement deviation.
- Built ERP, pricing, stock availability, promotions, discounts, and referral systems, including flash campaigns supporting 2,000+ concurrent users under seed-stage infrastructure constraints.

## **Yuca - Founding Senior Software Engineer → Staff Software Engineer | Oct 2019 - Feb 2022 (2y 4m)**

São Paulo / Remote | PropTech, internal tools, customer lifecycle, acquisition systems

- Joined the founding team and defined the initial architecture, infrastructure, engineering process, and hiring pipeline for a property-management platform.
- Built core property-management and customer-allocation systems, including internal tools for property inventory, customer lifecycle and operations across > 500 properties.
- Built landing pages, inbound forms, sales funnel systems, and customer lifecycle tooling to support growth with operational consistency.
- Built acquisition decision-support tools and scraping pipelines processing 50k+ properties/day across overlapping real-estate portals, reducing analysis time by ~100x by bringing all information together in an easy to understand interface and acquisition pipeline.
- Recruited, trained, and managed junior developers, helping establish early engineering culture and execution cadence.

## **Grow / Yellow – Founding Senior Software Engineer | Jun 2018 - Aug 2019 (1y 3m)**

São Paulo, Brazil / International team | Mobility, fleet operations, Android, hardware integrations

- Worked with an international engineering team across Brazil and Mexico, shipping and supporting mobility systems across 5 LATAM countries.
- Built a critical Android app for fleet deployment and maintenance across 200+ cities, supporting field teams under unreliable network conditions.
- Built fleet deployment and maintenance systems managing 135k+ bikes, scooters, and e-bikes, supporting complex asset lifecycles and 300k+ daily operational tasks.
- Worked with Bluetooth/BLE, geofencing, GPS, hardware integrations, AWS, cost tracking, and operational tooling; mentored junior developers.

## **99 – Jr → Senior Software Engineer | Feb 2015 - Jun 2018 (3y 3m) + 2 months in China (DiDi Chuxing)**

Sao Paulo, Brazil / Beijing, China | Marketplace, pricing, payments, support, driver lifecycle

- Contributed to core systems at 99 during its path to becoming Brazil's first unicorn, later working with DiDi Chuxing's international payments team in-person in Beijing / China. > R\$20M/day transacting on my code.
- Worked on and built high-volume systems handling 100M+ daily requests across matchmaking, driver selection, route calculation, fare computation, and in a critical system that was capable of withstand burst-demand events of 20x spikes in demand.
- Integrated Brazilian banking systems with DiDi's international payment services, supporting 20M+ daily payment-related calls.
- Improved driver acceptance rate by 11 percentual points through scoring and marketplace optimization; implemented 99POP (UberX). Built a custom driver document system that reduced activation time from 3 days to under 4 hours, while supporting hundreds of different cities' demands.
- Built support search, pricing, demand balancing features, heatmaps, geolocation promotions, nth-ride incentives, coupons, and partner campaigns.

## **Estudar com Você - Head of Technology / Software Engineer | Aug 2019 – Nov 2019 (consulting experience - 4m)**

São Paulo, Brazil | EdTech, data, content platforms, SEO, observability

- Improved data visibility, observability, deployment practices, SEO, CMS maintainability, and content transcription workflows.
- Moved the team from large weekly releases to smaller on-demand deployments, helped key classes reach Google's top 5 organic results, reduced CMS maintenance time by 5x, and reduced transcription costs by 10x using AWS Transcribe.

## **EDUCATION**

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### **Bachelor's in Computer Science - UNESP (Universidade Estadual Paulista) - Feb 2010 - Mar 2015**

- Scientific initiation in parallel algorithms with CUDA/NVIDIA.
- Member of Distributed and Parallel Systems Research Group (Experience with Clusters, Simulation, SysAdmin and Performance tuning)
- Special-student master's courses in Network Security and High Performance Computing & Cloud Systems.

## **LANGUAGES & COMMUNITY**

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**Languages:** Portuguese: native | English: fluent | Spanish: basic

### **Talks:**

**TCD/SP 2017:** Graceful degradation: Minimizing damage in case of failures.

**TCD/SP 2016:** Type-safe SQL with jOOQ

**Taught Linux** to undergraduate, master's, and PhD students during my university studies as a Scholarship-funded project

### **Community & Volunteering:**

**Olha no Ceu:** public astronomy outreach project I run, where I take my telescope to a park and invite passersby to watch some 🌠s and the 🌙.