

Gabriel Mouallem

Product Engineer | E2E Ownership | Ship Fast, Measure Impact

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SUMMARY

Product-minded engineer with ~6 years of experience owning features end-to-end across diverse domains including IoT systems, AI/video analysis, and cloud infrastructure. Track record of shipping MVPs, iterating based on user feedback, and driving measurable business outcomes. Currently leading product development for a PostgreSQL DBaaS at Latitude.sh — from customer discovery to production deployment. Passionate about bridging technical execution with user needs.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Frontend: React, Next.js, React Native, Tailwind CSS, Radix UI, shadcn/ui, Storybook

Backend: Node.js, Django, FastAPI, Flask, NestJS, Django REST Framework

Data & Analytics: PostgreSQL, MongoDB, Posthog, Segment.io, Google Analytics

Product & DevTools: Stripe, Vercel, Git, Linear, Retool, Algolia, WorkOS, Bugsnag

PROFESSIONAL EXPERIENCE

Product & Software Engineer (Kubernetes)

Latitude.sh, Remote

Feb/2025 to Present

- Owned end-to-end product development of a Kubernetes-based PostgreSQL DBaaS, driving from MVP to 300+ waitlist signups and first paying customers.
- Defined product roadmap and delivered key features (automated backups, connection pooling, IP whitelisting) based on customer interviews and usage data.
- Implemented SOC 2-compliant infrastructure and full observability stack (Prometheus, Grafana, Loki) to meet enterprise buyer requirements.
- Collaborated cross-functionally with sales, support, and infra teams to iterate on product positioning and reduce time-to-value for new customers.

Key Technologies: Kubernetes, CloudNativePG, PostgreSQL, Prometheus, Grafana, Loki, S3, Node.js

Software Engineer (Frontend)

Latitude.sh, Remote

Jun/2024 to Jan/2025

- Delivered customer-facing features across Dashboard, Website, and Docs using Next.js and React, directly improving activation and retention metrics.
- Championed testing-first culture (Jest, RTL, MSW) and proactive error tracking (Bugsnag), reducing production incidents and support escalations.
- Implemented secure authentication flows (WorkOS, Iron Session) and integrated analytics pipeline (Segment → Posthog) for product insights.

Key Technologies: Next.js, React, TypeScript, Jest, RTL, MSW, WorkOS, Segment.io, Posthog, Bugsnag

Software Developer

AI.FISH (via Turing), Remote (USD Contract)

Aug/2022 to Jun/2024

- Architected 3 AI-powered video analysis platforms as sole frontend developer, reducing client video review time by 80% through intelligent segment search.
- Designed intuitive UX for complex AI metadata visualization, enabling non-technical users to navigate hours of video with precision.
- Achieved 80% test coverage in complex mocking environment, enabling rapid iteration without regressions.

Key Technologies: React, TypeScript, Vite, React Query, Jest, RTL, MSW, Storybook, Material UI

Software Developer

BEES (AB-InBev), Campinas, SP

Sep/2022 to Aug/2023

- Spearheaded frontend testing initiative, increasing coverage by 40% in 3 months — standard later adopted company-wide as deployment gate.
- Designed and shipped permission system UI enabling granular access control across 10+ countries, directly supporting international expansion.

Key Technologies: React, TypeScript, Jest, RTL, Redux, Redux Toolkit, Azure

Senior Application Development Analyst

Accenture (Unilever), São Paulo, SP
Sep/2022

Jan/2022 to

- Co-led mobile platform migration (Ionic 3 → React Native) for 30+ country CRM, modernizing tech stack for Unilever's global sales force.
- Engineered offline-first architecture with Salesforce SDK, ensuring reliable performance for field reps in low-connectivity environments.

Key Technologies: React Native, TypeScript, Salesforce SDK, Redux, Redux Saga, Storybook

Full Stack Developer

Irricontrol, Itajubá, MG

Jul/2019 to Nov/2021

- Progressed from Mobile Intern to Full Stack Developer over 2.5 years, ultimately providing technical leadership for a team of 3.
- Diagnosed and resolved critical backend bottlenecks through multi-stage optimization (Django Cache, Celery, pagination), achieving ~1000% load time improvement.
- Developed critical mobile alarm system for irrigation failures, contributing to estimated millions BRL in client savings.
- Led migration from Ionic 3 to React/Capacitor, establishing React as foundation for all future frontend development.

Key Technologies: Python, Django, React, PostgreSQL, MQTT, Celery, Ionic, React Native, Canvas API

PROJECTS

SearchCast — Podcast Discovery Platform

Nov/2023 to Dec/2024

- Built and launched a full-stack SaaS product enabling podcast transcript search, from idea to paying subscribers in 3 months.
- Implemented Stripe billing, Google OAuth, and Posthog analytics to optimize conversion funnel based on user behavior data.

Key Technologies: Next.js, React, Flask, Python, MongoDB, Stripe, Posthog, GitHub Actions

EDUCATION

Bachelor of Science, Computer Science

Universidade Anhembi Morumbi (UAM), São Paulo, Brazil

Feb/2023 to Feb/2025

Computer Science (Coursework)

Universidade Federal de Itajubá (UNIFEI), Itajubá, Brazil
Jul/2022

Jan/2017 to

LANGUAGES

Portuguese: Native

English: C1 Advanced