

## Experience

### Senior Product Engineer

[PostHog](#)

Dec 2024–Present

[Surveys](#)

Remote, United States

- Architected and led a backend migration to redesign the survey response architecture, **improving system reliability and enabling dynamic question modification for 100k+ active surveys.**
- Led the "Partial Responses" feature, **adopted by 90% of customers and driving a 50% increase in survey-related revenue** by capturing all responses within a survey.
- Launched a persistent survey feature that **achieved 30% higher response rates compared to standard formats**, directly increasing the volume of actionable insights for enterprise clients.
- Skills: React, TypeScript, Python, Django, PostgreSQL, LLMs, AI Engineering, ClickHouse

### Software Engineer

[Brex](#)

Jun 2023–Dec 2024

[Bill Pay](#)

Remote, United States

- Led the new permissions for Bill Pay, which **added 50+ new customers and unblocked a large customer deal (\$1m+/year).**
- Co-owned a new OCR process for scanning invoices that **improved the bill pay form conversion rate by 10%.**
- Improved GraphQL's cache policy for Bills to **reduce loading times by up to 195 seconds per user session.**
- Drove the implementation of Bill Pay auto-approve, which is **used by over 91% of all bills submitted at Brex.**
- Designed smart defaults for paying bills with Brex, which **increased the conversion rate by 26% and reduced the time to pay a bill by 35%.**
- Led the product analytics initiative for Bill Pay. Created a Dashboard for all our metrics, which was **adopted by the entire team to track data like conversion rate, feature usage and dropouts.**
- Skills: React, TypeScript, Kotlin, GraphQL, PostgreSQL, Kubernetes, AWS, LLMs, microservices, web performance.

### Founding Engineer

[Increment Analytics](#)

2020–2023

Remote, United States

- Led the DynamoDB single table design migration, resulting in a **35% improvement in request response time.**
- Implemented a CI/CD process using GitHub Actions, allowing for the preview of each pull request on a temporary URL and **reducing the workload for quality assurance and bug fixing.**
- Skills: React, TypeScript, Next.js, AWS, HTML, CSS, GraphQL, DynamoDB, TailwindCSS, serverless.

### Software Engineer (Contract)

[Coinbase](#)

2021–2022

Business Onboarding Team

Remote, United States

- Implemented an **auto-save feature on the dynamic forms, shortening the customer's overall onboarding time.**
- Standardized technical onboarding documentation and processes, reducing the ramp-up time for new engineers during a period of rapid team expansion
- Skills: React, TypeScript, Go, GraphQL, Redux.

### Software Engineer

[ioasys](#), [Rock Content](#), [12min](#)

2016-2019

## Beyond Work

- **Technical blogging** on [lucasfaria.dev](https://lucasfaria.dev). I write technical articles about what I learn.
- **Career blogging** on [Dev na Gringa](#) (9k+ subscribers). Practical advice for career growth in software engineering.
- **Public speaking** at conferences. Most recent was [Product vs Platform engineers \(portuguese\)](#) on [TDC Sao Paulo](#).

## Education

- **M.Sc. Computer Science**, UFMG, Brazil. 2020–2021
- **B.Sc. Software Eng.**, PUC Minas, Brazil. Graduated Summa Cum Laude. TA for Algorithms and Statistics. 2016–2019