

Experience

Senior Product Engineer Surveys	PostHog Remote, United States	Dec 2024–Present
• 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 Bill Pay	Brex Remote, United States	Jun 2023–Dec 2024
• 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 Remote, United States	2020–2023
• 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) Business Onboarding Team	Coinbase Remote, United States	2021–2022
• 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](#). 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