

Harley Bastos

Senior Full Stack Engineer

Piracicaba, São Paulo, Brazil | harleybastos@hotmail.com
linkedin.com/in/harleybastos | github.com/harleybastos | harleybastos.com.br

SUMMARY

7+ years building and scaling web applications for SaaS products. Specialist in Ruby on Rails, Node.js, React, and Amazon Web Services (AWS), with focus on legacy system refactoring, performance optimization, and technical leadership.

SKILLS

- **Languages:** JavaScript, TypeScript, Ruby, Python
- **Frontend:** React, Next.js, React Native (Expo), HTML, CSS
- **Backend:** Ruby on Rails, Node.js, Flask, Django, PostgreSQL, MySQL, MongoDB, Redis, Sidekiq, RESTful APIs
- **Cloud & DevOps:** AWS (Lambda, EC2, ECS, RDS, SQS, DynamoDB, Cognito, CloudWatch), Docker, CI/CD (GitHub Actions), Serverless Framework
- **Testing:** RSpec, Minitest, Jest, Cypress

EXPERIENCE

- **LakeFusion, Remote** | *Senior Full Stack Developer* 03/2026 – Present
 - Build LakeGraph, a Databricks-native graph analytics platform: Next.js and TypeScript frontend, FastAPI backend with a Python SDK, Lakebase Postgres, and a react-three-fiber graph viewer.
 - Shipped a UX round on the GraphQ query editor: tooltips with overflow clamping, panel transitions, and a camera tween that smooths drilldown/drillback navigation with first-fit snap.
 - Fixed rendering correctness bugs: an auto-init race condition reverting viewer state mid-session, a 5–95 percentile bounding box resilient to outliers, and a layout-worker cache-key collision painting stale positions.
- **Frisco Analytics, Remote** | *Senior Full Stack Developer* 02/2026 – 03/2026
 - Developed LakeGraph (same product as above); Frisco Analytics merged with LakeFusion in 03/2026.
- **John Deere, Hybrid** | *Software Engineer* 12/2025 – 02/2026
 - Built IDE plugins and local developer tools that catch errors earlier in the development cycle.
 - Developed internal portals centralizing documentation and workflows for engineering teams.
 - Shipped developer experience improvements identified through direct conversations with developers.
- **DevSquad, Remote** | *Senior Full Stack Engineer* 09/2023 – 01/2025
 - Eliminated N+1 queries and added strategic indexes on critical Ruby on Rails endpoints, cutting response times.
 - Built Node.js microservices on AWS Lambda (Serverless Framework) for asynchronous transaction processing.
 - Migrated a legacy jQuery dashboard to React and built CI/CD pipelines with GitHub Actions.
 - Mentored engineers through code review and pair programming.
- **One Community Global, Remote** | *Full Stack Developer* 02/2023 – 09/2023
 - Built real-time, event-driven Node.js services and CI/CD pipelines.
 - Refactored React components around centralized state management and optimized dashboard performance through query tuning and caching.
 - Mentored contributors on Rails and React through code review.
- **Pecege, Remote** | *Software Engineer* 02/2020 – 02/2023
 - Built Node.js services powering data pipelines and third-party integrations.
 - Replaced a legacy system with a React-based business-to-business (B2B) SaaS portal.
 - Standardized development environments with Docker and enforced strict TypeScript typing on critical data models.

EDUCATION

- **Centro Universitário Claretiano** | *Systems Analysis and Development* 2021
- **Harvard University** | *CS50x: Introduction to Computer Science (continued education)* 2022

PROJECTS

- **Sândalo Plasperola (sandaloplasperola.com.br):** E-commerce SaaS platform with 5K+ products, multi-user authentication, payments, and order management (Next.js, Ruby on Rails, PostgreSQL).
- **SC Negócios (scnegociosimobiliarios.com.br):** Real estate platform with advanced search, favorites, and a financing calculator (Next.js, TypeScript, TailwindCSS, React Query).