

Gabriel Queiroz

Software Developer

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ABOUT ME

Technologist graduated in System Analysis and Development at Technology College (Brazil, São Paulo) with an extension bachelor degree in Computer Science at University of New Orleans (USA, Louisiana). Passionate Backend Software Developer, currently living in British Columbia Canada.

CORE SKILLS

- Design scalable, robust and resilient software architecture.
- Development processes on Agile, Scrum and Kanban.
- Continuous integration tools such as Jenkins, CircleCI, Codeship, Buildkite and Shiplt.
- Database SQL such as MySQL, PostgreSQL and NoSQL such as Redis, MongoDB.
- Search-engine tools such as ElasticSearch.
- Event Sourcing and Messaging using Apache Kafka and RabbitMQ.
- Background Proceession using Sidekiq Pro and Resque.
- Application Monitoring using New Relic, DataDog, Sentry, Bugsnag, Scout and AWS Cloud Watch.
- Container orchestration using Amazon Elastic Container Service.

RELEVANT WORK EXPERIENCE

- **Software Developer at Shopify** — (Jan 2021 - current)

Full Stack developers primarily focused on backend working with Core Products from basic to plus merchants. Worked on the core monolith Ruby on Rails app, as well as created new apps from scratch using React and Rails.

Career Highlights:

- Assisted on webification of existing Ruby ERB pages into React migrating and improving existing Rest API into GraphQL API.
- Worked on a 1st party App to audit API requests for all Private and Public apps traffic to merchants shops.

- **Senior Backend Engineer at Mogo** — (Sep 2020 - Jan 2021)

Member of the Card/Spend team and Platform team, collaborating with other Software Developers, DevOps, QA, and Product Managers. Primarily focused on improving the overall platform, as well as push notifications with Amazon SNS topics.

Career Highlights:

- Worked on a major upgrade for internal Ruby gem responsible for RPC calls across microservices, introducing new logging capabilities and metrics with Datadog StatsD.
- Implemented a new push notification flow using Amazon SNS topics introducing pub/sub for high-throughput.

- **Senior Software Developer & Development Team lead at Traction Guest** — (May 2019 - Sep 2020)

Provided technical leadership to teammates through coaching and mentorship. Identified bottlenecks and bugs, devising solutions through the development team. Assisted in the collection and documentation of user requirements, development of user stories as well as estimates and work plans. Lead the packaging and release process for new features.

Career Highlights:

- Led the Enhancements Team responsible for Traction Guest applications enhancements.
- Coordinated features releases for the Traction Guest server and web app.
- Implemented background jobs for Bulk Actions using Sidekiq Pro; Disseminated the knowledge on this topic to other teams through presentations and documentation.
- Improved the most used API response time in 27% by refactoring its internal data structure.

- **Software Developer at Traction Guest** — (Aug 2018 - May 2019)

Responsible for designing, building, and maintaining code for Traction Guest applications; collaborating with the CTO, Software Developers, Project Managers and Customer Success. Participated in peer to peer code reviews, using this as an opportunity to drive coding best practices. Integrated user-facing elements developed by front-end developers with server-side logic. Helped maintain code quality, organization and automatization of the platform and developer tooling.

Career Highlights:

- Part of the on-call team responsible for treating production incidents.
- Increased observability through the app using Sentry and Librato.

- Designed and implemented read only queries to increase performance for Ruby on Rails application.
- Coordinated DevOps activities during the early stages of the Development team; managed applications on Cloud Services using Heroku, Amazon, and Cloud66.

- **Software Developer at Wirecard Brasil (former Moip) — (Feb 2016 - Jun 2018)**

Responsible for designing RESTful APIs on highly distributed applications mostly in Java, Kotlin, and Ruby. Member of the Outflow Products team collaborating with Software Developers, Product Owners, and Customer Success. Primarily focused on customer facing financial features, such as: account balances, financial statements, transfers to bank accounts, and financial reconciliation.

Career Highlights:

- Implemented Event Sourcing using Apache Kafka, working with Stream Processors and Kafka Connectors. Disseminated the knowledge on this topic to other teams through presentations and documentations.
- Designed integrations between Wirecard Brazil and Wirecard Core application for prepaid CreditCard functionalities, such as but not limited to issuing a CreditCard and validating available balance.
- Managed cloud applications with Amazon Elastic Container Service and Amazon EC2 for instances and load balancers.
- Creator of IfMan and RCurtain, and contributor of JCurtain; OpenSource tools for Feature Flags developed for Java and Ruby, currently being used to manage feature flags at Moip.
- Elaborated financial statements and reports using Elasticsearch and MySQL.
- Managed continuous integration and continuous deployment using Jenkins and CircleCI.
- Member of the Architecture Guild design to help other teams to make architecture decisions.

EDUCATION

- **System Analysis and Development at Technology College — Sao Paulo. SP, BRA (2011 - 2015)**
- **Extension on Computer Science at University Of New Orleans — New Orleans. LA, USA (2014 - 2015)**

Brazil Scientific Mobility Program, fully funded scholarship recipient as an undergraduate student in Computer Science at the University of New Orleans.