

# Gabriel Queiroz

Software Developer

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<http://gabrielqueiroz.github.io/>



## 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 and team work player, always eager to learn new programming languages paradigms.

## CORE SKILLS

- Design scalable, robust and resilient software architecture.
- Development processes on Agile, Scrum and Kanban.
- Version Control using Github and BitBucket.
- Continuous integration tools such as Jenkins, CircleCI, Codeship and Codefresh.
- 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 Proccession using Sidekiq Pro and Resque.
- Application Monitoring using New Relic, Sentry, Scout and AWS Cloud Watch.
- Container orchestration using Amazon Elastic Container Service.

## RELEVANT WORK EXPERIENCE

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

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.

- **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)

Pertinent courses content include: Software development, such as requirements gathering, software modeling and design with an emphasis on UML standards, persistence modeling for relational databases, software quality with unit and integration tests.

- **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. Pertinent courses content include: Analysis of Algorithms, Mobile development, Artificial Intelligence and Game Design. As a result of my performance I was invited to join the Narrative Intelligence Lab team, working on a machine learning project for the local schools.

## ARTICLES AND TALKS

- [VanRuby Lightning Talks: Intro to RCurtain \(EN\)](#) - Youtube, 2018 (EN).
- [What is this Apache Kafka?](#) - Medium, 2017 (PT-BR).
- [Let's talk about Event Sourcing](#) - Medium, 2017 (PT-BR).
- [How to use Kafka JDBC Sink Connector](#) - Medium, 2017 (PT-BR).
- [IFMAN: Your superhero for Features and A/B testing](#) - Medium, 2017 (PT-BR).