

Leonardo Mendes Primo Brito

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Technical Skills

Expert: Ruby, Ruby on Rails,RSpec, PostgreSQL, MySQL, Redis, Docker, AWS, Git, CI/CD, TDD

Skilled: Python, Javascript, Vue.js, HTML, CSS, MongoDB, Elasticsearch, C

Work Experience

Software Development Engineer II **Amazon** **November 2021 – ongoing**
Vancouver, BC – Canada
Working on a Ruby/Rails-based internal tool used by the entire company.

Senior Software Engineer **Sensor Tower** **June 2019 – September 2021**
San Francisco, CA – United States
Worked in a team of 20 engineers on back-end services with millions of daily requests. I owned an important part of a large distributed B2C product with a Ruby, Rails, Redis and MongoDB tech stack. Among my most interesting accomplishments, I created a new crawling technique that improved the product's data coverage in 50x; improved latency in a user-facing service in 300%; and reduced ad duplication by 7x in one of our advertisement collections.

Full-stack Developer **Guava Software** **January 2016 – June 2019**
Recife, PE – Brazil
Worked on several projects ranging from microservices-based social network metrics to monolithic Rails webapps, in teams ranging from 2 to 10 people. I engaged in most web development roles: devops, back-end and front-end. Some of the improvements I've made include speeding up a large test suite in 43%; halving page sizes by optimizing asset distribution; and upgrading a large e-commerce website from Rails 4 to 5 with no downtime.

Full-stack Developer **SkyHub** **October 2014 – October 2015**
Recife, PE – Brazil
Worked on a Rails application that integrated all the largest Brazilian e-commerce marketplaces into a single management interface. I developed commercial reports using MongoDB aggregations and designed the landing page with an Ajax dashboard.

Software Engineering Intern **PayPal** **June – December 2012**
Scottsdale, AZ – United States
Developed a fully functional merchant reporting Android application together with the back-end software using Java, JDBC and a RESTful interface. Also developed reports & dashboards using Business Intelligence software IBM Cognos.

Additional Experience

R&D Scholarship **Companhia Hidroelétrica do São Francisco (CHESF)** **2013 - 2014**
Recife, PE – Brazil
Developed a JavaFX graphical interface used to model and simulate the company's power grid.

International Scholarship **Science Without Borders (Brazilian Government)** **2012**
Tempe, AZ - United States
Awarded a 12-month full scholarship at Arizona State University (Brazil Science without Borders program Scholar, 1st call).

Education

Computer Science, MSc **Federal University of Pernambuco** **2013 - 2016**
Recife, PE – Brazil

Thesis: "A risk analysis of the Brazilian stock market using value-at-risk and GARCH models"

Computer Science, BSc **Federal University of Pernambuco** **2009 - 2013**
Recife, PE – Brazil

Computer Science, BSc **Arizona State University** **2012**
Tempe, AZ - United States

3.38 GPA; Dean's List of Outstanding Scholars

Language Skills

English (fluent) 109 score, TOEFL/IBT

Portuguese (native)