

# Leonardo Mendes Primo Brito

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## Technical Skills

**Proficient:** 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

<b>Software Development Engineer II</b>	<b>Amazon</b> Vancouver, BC – Canada	<b>November 2021 – ongoing</b>
Working on a Ruby/Rails-based internal tool used by the entire company.		
<b>Senior Software Engineer</b>	<b>Sensor Tower</b> San Francisco, CA – United States	<b>June 2019 – September 2021</b>
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.		
<b>Full-stack Developer</b>	<b>Guava Software</b> Recife, PE – Brazil	<b>January 2016 – June 2019</b>
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.		
<b>Full-stack Developer</b>	<b>SkyHub</b> Recife, PE – Brazil	<b>October 2014 – October 2015</b>
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.		
<b>Software Engineering Intern</b>	<b>PayPal</b> Scottsdale, AZ – United States	<b>June – December 2012</b>
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

<b>R&amp;D Scholarship</b>	<b>Companhia Hidroelétrica do São Francisco (CHESF)</b> Recife, PE – Brazil	<b>2013 - 2014</b>
Developed a JavaFX graphical interface used to model and simulate the company's power grid.		
<b>International Scholarship</b>	<b>Science Without Borders (Brazilian Government)</b> Tempe, AZ - United States	<b>2012</b>
Awarded a 12-month full scholarship at Arizona State University (Brazil Science without Borders program Scholar, 1 <sup>st</sup> call).		

## Education

<b>Computer Science, MSc</b>	<b>Federal University of Pernambuco</b> Recife, PE – Brazil	<b>2013 - 2016</b>
Thesis: "A risk analysis of the Brazilian stock market using value-at-risk and GARCH models"		
<b>Computer Science, BSc</b>	<b>Federal University of Pernambuco</b> Recife, PE – Brazil	<b>2009 - 2013</b>
<b>Computer Science, BSc</b>	<b>Arizona State University</b> Tempe, AZ - United States	<b>2012</b>

3.38 GPA; Dean's List of Outstanding Scholars

## Language Skills

**English (fluent)** 109 score, TOEFL/IBT

**Portuguese (native)**