

Experience

Nubank

Oct 2021 - Present

Technologies used:

- Clojure
- Datomic
- Kafka
- Splunk
- Grafana
- AWS
- Microservices

Senior Software Engineer

Nubank is a digital bank with more than 60M customers spread through Brazil, Mexico, and Colombia. I work as a backend engineer in the credit underwriting flow (accepting or denying credit), and on prospect's data gathering to feed our machine learning risk models.

Achievements:

- Assisted in the engineering interviewing process, doing code challenges reviews, pair-programming sessions, and architecture interviews.
- Helped with the design, development, and implementation of two new services to gather telecommunication and fraud data to feed our machine learning models, increasing the credit approval rate by 5% without any risk increase.
- Shared and established clearer and more efficient remote working habits, like asynchronous updates and documentation improvements.

Wizeline

Nov 2020 - Oct 2021

Technologies used:

- Node.js
- JavaScript
- Postgres
- Mocha
- Zuora
- NewRelic
- Kibana
- AWS (RDS, S3, ECS)

Senior Software Developer

Consultancy job: Working as a full-stack web developer in Gaia.com, a video-streaming platform with a user base of around 1M. I specialize in payments processing and subscription management.

Achievements:

- Reduced third-party dependencies from unit and integration tests, while also adding missing tests for existing features.
- Actively participated in candidate interviews and onboarding for new members; helping them to get up to speed as quickly and smoothly as possible.
- Worked as an AWS mentor, designing, reviewing, and helping others understand AWS core services.

Handy.la

Jun 2019 - Nov 2020

Technologies used:

- Groovy & Grails
- JavaScript
- Bash
- Jenkins
- AWS (DynamoDB, Lambda, EC2, SQS, SNS)
- Stripe

Technical Lead

Handy is a mobile and web SaaS app to empower salespeople. I developed full-blown features as well as maintained current ones. Owner of the AWS infrastructure and automatic billing system. One out of six developers in total.

Achievements:

- Re-designed our most used pages to enhance the mobile experience of our customers.
- Integrated a NoSQL database into our relational-based datastore app. This improved the usability and maintainability of new features.
- Advocated for a high-quality DevOps culture throughout the entire organization.

Handy.la

May 2016 - June 2019

Technologies used:

- Groovy & Grails
- MySQL
- JavaScript
- AWS (ElasticBeanstalk, SQS, EC2, S3, RDS)
- Stripe
- Ruby
- New Relic

Software Developer

Full-stack web developer mainly focused on back-end services, DevOps and observability.

Achievements:

- Led major cloud provider migration, successfully reducing operation costs by nearly 50% and significantly increasing infrastructure resilience.
- Implemented web application blue-green deployments using AWS ElasticBeanstalk and Jenkins, significantly increasing overall system robustness and speed.
- Designed and implemented our automatic billing system.

Intel

Apr 2015 - May 2016

Technologies used:

- Python
- C++

Electrical Validation Engineer

Responsible for enabling Intel's® Non-Volatile Memory (NVM) DIMM with 3D Xpoint™ technology. Designed and implemented electrical test flows using Python.

Achievements:

- Division Recognition Award (DRA) for keeping project on schedule by tightening communication and collaboration between the Firmware team and us.
- DRA for improving stability and overall performance of the NVM algorithms.

Education

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)

Aug 2010 - Dec 2015

Biomedical Engineering

A mix of medicine and engineering.