Guido Luz Percú

Principal Backend Engineer

Toronto, Canada - 🇺🇸 **English** | 🇫🇷 **French** | 🇧🇷 **Portuguese**

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☍ Talk

Experienced backend engineer with 10 years of career expertise, specializing in backend development and cloud. Proven track record of successfully building projects from scratch and optimizing legacy systems. Served as a tech lead on a AWS Serverless project.

- Backend Development: Proficient in Python, with a strong focus on developing efficient and scalable backend systems. Solid understanding of database management and query optimization.
- Project Development: Demonstrated ability to build projects from inception to completion, ensuring high-quality deliverables within specified timelines. Skilled in requirement analysis, system design, implementation, and testing.
- Legacy System Enhancement: Experienced in working with legacy systems, identifying pain points, and implementing improvements to enhance performance, maintainability, and scalability.
- AWS Serverless: Extensive knowledge of AWS services and expertise in developing serverless applications using Lambda, API Gateway, DynamoDB, and other related technologies. Strong understanding of cloud architecture and best practices.
- Tech Leadership: Successfully led a team as a tech lead, providing guidance, mentoring, and technical direction. Collaborated closely with cross-functional teams to achieve project objectives and ensure adherence to coding standards.
- Skills: Python (Django, Flask, bottle, FastAPI, AWS SAM), C# (.NET, Hangfire, Entity), PHP (Laravel, Yii), Javascript (Node.js, Vue.js, React, Angular), Go

WORK EXPERIENCE

Principal Software Engineer at Modus Create

July 2017- Current

ModusCreate.com **Remote   Principal Software Engineer** at Modus Create November 2023 - Current
Pfizer

- Python / AWS / Serverless (SAM) / Lambda Functions / S3 / SNS /SQS / Cognito / Github Actions / Docker / React / Typescript
- Successfully designed and deployed a backend system that efficiently handles thousands of concurrent users.
- Enhanced system reliability and performance through the effective use of AWS serverless technologies and message queuing.
- Set up continuous integration and continuous deployment (CI/CD) pipelines using GitHub Actions, automating the build, test, and deployment processes to ensure rapid and reliable delivery of new features and updates.

Jenoptik

- C# / .NET Framework / ASP.NET Core / Azure
- My responsibilities included architecting backend solutions, ensuring code quality through rigorous reviews and best practices adherence, and optimizing system performance for enhanced efficiency. Leveraging the power of C# .NET, I crafted elegant and maintainable code, implementing advanced features and functionalities to meet the project's requirements.

Tech Lead at Modus Create January 2022 - November 2023
Pfizer
Python / AWS / Serverless (SAM) / CloudFormation / DocumentDB / ECS / Github Actions

- Lead a team of developers as the tech lead on a Serverless project, providing technical guidance, reviewing code, and ensuring adherence to best practices.
- Built projects from scratch, including requirement gathering, system design, implementation, and deployment. Achieved successful project delivery within specified timelines.
- Implemented AWS Serverless architecture for several projects, leveraging Lambda functions, API Gateway, and DynamoDB. Achieved cost savings and improved scalability.
- Those projects impacted the ability of our client to improve it's time to market, which reduced costs and improves revenue.

Senior Fullstack Engineer at Modus Create January 2020 - January 2022
Telesign

Python / Django / React / FastAPI / Celery / Jenkins / PostgreSQL

- Optimized legacy systems by identifying bottlenecks, refactoring code, and implementing performance enhancements, resulting in improved system efficiency and reduced maintenance costs.
- Designed and built APIs using REST
- Worked on existing Python/Django based project

Fullstack Engineer - PHP/Javascript at Modus Create July 2017- December 2019
EDR's team

PHP / Laravel / Javascript / Angular / VueJS / Docker / PostgreSQL / Jenkins

- Created features that improved the relationship with 2 of the largest banks of the world.
- Successfully migrated legacy systems to modern architectures, improving system stability, scalability, and maintainability.
- Collaborated with cross-functional teams to develop and enhance backend systems for web applications using PHP / Laravel / Vue / React
- Supported the team during the releases proccess.

Fullstack Engineer - Go/NodeJS/AngularJS at Stone Pagamentos

November 2016 - July 2017

Stone.com.br **Rio de Janeiro**

Golang / NodeJS / AngularJS

- Worked at Stone when it was a startup scaling and gaining market share. Stone is the fastest growing acquirer of Brazil and it's now listed on NASDAQ
- Created features used by more than 100.000 clients each month
- Designed Restfull APIs using Go.

Backend Engineer - Python/MongoDB at Anchor Loans LP

August 2015 - November 2016

AnchorLoans.com **Remote**

Python / Django / MongoDB

- Created a crawler to get thousands of real state properties and use this information to help investors spot great opportunities.
- Developed core product using Python / Django / Pyramid and MongoDB.
- Made the sysadmin job easier with an integration with Amazon's EC2.

Full Stack Engineer - PHP / Javascript at Perspectiva.in

January 2015 - November 2015

Perspectiva.in **Remote**

PHP / Yii2 / PostgreSQL / MongoDB

- Integration with Instagram's API, allowing our customers to perform batch social operations.
- Creation of maps with geolocalized data leading our customers to better meet their needs.
- Development of a SaaS solution to automatize the social interaction between business and clients.

Full Stack Engineer - PHP / Javascript at Fidelize

June 2013 - August 2015

Fidelize.com.br **Rio de Janeiro**

PHP / Yii / PostgreSQL / Javascript / Ionic

- Developed and delivered a crawler that boosts the client's productivity in dealing with orders.
- Integration with SugarCRM, reducing response time of the client relationship team.
- Development of EDI software to deal with our clients business needs.