Guilherme Lucas

Curriculum Vitae

Experience

2024 – Present — **Senior Software Engineer, Payments**, *Mindbody*, Remote, Brasil.
- Working on payments team.

2023 – 2024 — **Software Engineer, Finance Systems**, *Telnyx*, Remote, Brasil.
- Created RabbitMQ producers and consumers inside Python 3 microservices on a AWS Kubernetes environment.
- Maintained both modern FastAPI and legacy Python services, recording all company transactions($10M/monthly).
- Part of the on call rotation.

2021 – 2023 — **Software Engineer II, Outlook Platform**, *Microsoft*, Remote, Brasil.
- Implemented and maintained .NET back end services (REST and gRPC), root causing issues and fixing them.
- Wrote an assistant that would run everyday for every mailbox in Outlook, with asynchronous .NET.
- Created and maintained a diagnostics tool in .NET and Powershell, helping oncall engineers fix production issues.
- Worked on migrating the most used service across Outlook, from legacy .NET Framework to modern .NET core.
- Part of the on call rotation.

2019 – 2021 — **Software Engineer, Commercial Software Engineering**, *Microsoft*, Remote, Brasil.
- Contributed to aks-engine, an open source Go project that Azure uses to deploy its managed kubernetes service.
- Develop the TypeScript library that supports a linter that is mandatory for the whole org.
- Designed and implemented a notification system in Go for one of the biggest e-commerces in LATAM.
- Led the deployment process of a covid-19 Data API for one of the biggest health organizations in the world.

2018 – 2019 — **Software Engineering Intern, Commercial Software Engineering**, *Microsoft*, São Paulo, Brasil.
- Created a web client with TypeScript (Angular) for a Machine Learning Platform used by 300 data scientists.
- Developed Back-End REST APIs with Python, ASP.NET Core and Java Spring.
- Created web client code with TypeScript for financial trading company, used by thousands of traders.
- Designed and implemented Distributed Cloud Applications with Azure, Terraform, Docker and Kubernetes.

2017 – 2018 — **Data Science Intern**, *CETAX*, São Paulo, Brasil.
- Development of big data, data science applications and machine learning models using Python 3.
- Started code review culture at the company.

2016 – 2017 — **Undergraduate Researcher**, *IBM - Unicamp*, Campinas, Brasil.
- Helped to deploy and maintain Minicloud, a free open-source openstack cloud for hundreds of Unicamp students.
- Developed PowerGraph, a Python 3 monitoring software for a cloud server used by hundreds of people.
- Interviewed and mentored three new students at the project.

Education

2014 – 2018 — **Computer Engineering**, *University of Campinas (UNICAMP)*, Campinas, Brasil.
- Won third place at Microsoft Hack the Campus Hackaton, with a chat bot that analyses university data.
- Volunteer Teaching Assistant for Digital Circuits Subject.
- Volunteer assistant and teacher on Shell Script and GNU/Linux courses at the Unicamp Free Software Group.
- Vice President of the students union for computer science and engineering courses (nearly one thousand students).

Languages

Native — **Portuguese**
Fluent — **English**
Intermediate — **Spanish**
Basic — **French**

Technical Skills

Intermediate — C/C++, Java, TypeScript, Docker, AWS
Advanced — Python, C#, Go, Shell Script, Git, GNU/Linux, Azure, Kubernetes, Terraform