

Guilherme Lucas

Curriculum Vitae

Experience

- 2024 – Present **Senior Software Engineer, Payments**, *Mindbody*, Remote, Brasil.
○ Maintained .NET Core microservices for financial tasks and integrations with Stripe and Global Payments.
○ Led Kubernetes capacity planning during high season for the payments team.
○ Maintained a React-based financial admin platform used by 1,000+ specialists.
○ Led Payments PCI initiative, assuring code integrity.
○ Participated in the on-call rotation.
- 2023 – 2024 **Software Engineer II, Finance Systems**, *Telnyx*, Remote, Brasil.
○ Built RabbitMQ producers and consumers in Python 3 microservices within AWS Kubernetes.
○ Maintained FastAPI and legacy Python services processing \$10M/monthly transactions.
○ Participated in the on-call rotation.
- 2021 – 2023 **Software Engineer II, Outlook Platform**, *Microsoft*, Remote, Brasil.
○ Developed and maintained .NET backend services supporting Outlook (REST and gRPC).
○ Built an asynchronous .NET assistant running daily for all Outlook mailboxes.
○ Created and maintained diagnostics tools in .NET and PowerShell for production issues.
○ Migrated the most-used Outlook service from .NET Framework to .NET Core.
○ Participated in the on-call rotation.
- 2019 – 2021 **Software Engineer, Commercial Software Engineering**, *Microsoft*, Remote, Brasil.
○ Contributed to *aks-engine*, an open-source Go project for Azure's Kubernetes service.
○ Developed a mandatory TypeScript library supporting organization-wide linting.
○ Designed and implemented a Go-based notification system for a large LATAM e-commerce.
○ Led deployment of a COVID-19 data API for a major health organization.
- 2018 – 2019 **Software Engineering Intern, Commercial Software Engineering**, *Microsoft*, São Paulo, Brasil.
○ Created a TypeScript (Angular) web client for a machine learning platform used by 300 data scientists.
○ Developed REST APIs in Python, ASP.NET Core, and Java Spring.
○ Built a TypeScript client for a trading platform used by thousands of traders.
○ Designed distributed cloud apps using Azure, Terraform, Docker, and Kubernetes.
- 2017 – 2018 **Data Science Intern**, *CETAX*, São Paulo, Brasil.
○ Built big data and machine learning applications using Python 3.
○ Introduced and promoted a code review culture.
- 2016 – 2017 **Undergraduate Researcher**, *IBM - Unicamp*, Campinas, Brasil.
○ Deployed and maintained Minicloud, a free OpenStack cloud for Unicamp students.
○ Developed PowerGraph, a Python 3 server monitoring tool.
○ Interviewed and mentored new project members.
○ Developed OpenCL2CUDA, a Python 3 converter from the OpenCL HPC library to CUDA.

Education

- 2014 – 2018 **Computer Engineering**, *University of Campinas (UNICAMP)*, Campinas, Brasil.
○ Won 3rd place at Microsoft's Hack the Campus Hackathon with a university data chatbot.
○ Assisted and taught shell scripting and Linux courses at the Free Software Group.
○ Served as VP of the Computer Science and Engineering Student Union (1,000+ students).

Languages

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

Technical Skills

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