



VINÍCIUS FILENGA

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CONTACT

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MAIN SKILLS

Solutions Architecture
Enterprise Architecture
.NET
NodeJS
DevOps
Observability
Backend

LANGUAGES

English (Fluent)
Spanish (Advanced)
Portuguese (Native)

CAREER

(LAST 3 COMPANIES)

STAFF SOFTWARE ENGINEER

Neon, march 2023 onwards

- Responsible for migrating the API Gateway from a SaaS partner to a self managed solution using an open source product, reducing the yearly API Gateway **costs from millions to thousands** of dollars.
- Contributed with automations to our **internal developer platform**, empowering teams with the autonomy to manage the exposure of their REST endpoints to 3rd party partners and external clients without having to rely on other teams, giving them time back and agility.

Technologies: Kubernetes, Rancher, GoCD, Jira, PaaS, Elastic, NestJS

SOLUTIONS ARCHITECT

Neon, march 2021 - march 2023 (2 years)

- Helped building and developing Neon's own EA framework called DOMA which is based off BIAN (Banking Industry Architecture Network) and ISO 20022.
- Led an **international team** (US, India, Brazil) on an engagement to modernize legacy applications (from old IIS self-managed to K8s), migrating the infrastructure and making framework upgrades, giving us a **combined TCO reduction of up to 80%**.
- Designed from scratch the strategy to decompose our monolith for the Anti Money Laundry (AML) system, customer data directory, and customer onboarding experience, essentially making those teams and **services non-strongly-coupled**.

Technologies: C4 Model, Kafka, RabbitMQ, Event Storming

TECH LEAD

Neon, september 2019 - march 2021 (1 year, 7 months)

- Built an engine to allow product owners and managers to combine scores from different sources/models, generating a positive or negative response. The solution would allow owners to edit very intuitive json-like documents to update rules without redeployment of applications, **bringing down credit policy updating time from days to hours**.
- Took care of a team of 3 devs and 1 QA Analyst and constantly reporting to the Product Manager.
- Team operated under the Agile Framework.

Technologies: DOTNET, MongoDB, MSSQL, Kafka, RabbitMQ

CO-FOUNDER & CTO

<https://evans.app>, september 2019 - may 2023 (3 years, 9 months)

- Broke the monolith up into separate services using serverless framework, reducing lead time by half, **tripling deployment frequency and reducing TCO**.
- Set up observability stack (NewRelic and Cloudwatch) in all services, allowing performance measurement and latency **reduction refactoring of critical endpoints from seconds to sub-second**.
- **Reduced overall cloud compute costs by 18%** after acquiring AWS Savings Plans bringing the company closer to break even.

Technologies: DOTNET, C#, NodeJS, TypeScript, NewRelic, serverless.com, github

SENIOR SOFTWARE DEVELOPER

Iteris, august 2018 - august 2019 (1 year, 1 month)

- Built an Event Hub for the second biggest payment processing company in Brazil that was integrated to the company's most critical processes, such as payment terminal (POS) delivery and field services, to get valuable and auctionable information to their decision making people.
- All solutions were deployed to the cloud using AWS API Gateway, Lambda and SQS as per client request.

Technologies: gitlab/gitlab ci, artifactory, jira webhooks, NodeJS, DOTNET, SQS

ACADEMIC EDUCATION

UNIVERSIDADE DE SÃO CAETANO DO SUL (USCS)

Bachelor, Information Systems, 2011 - 2016

COLÉGIO TÉCNICO SINGULAR

Technician, IT, 2008 - 2010