



Flavio Miyamoto

ミヤモト・フラヴィオ

Software Engineer

Building scalable systems | Open source contributor

Tokyo, Japan
+81 070-9100-4679
hello@dorayaki.co
dorayaki.co
fsmiamoto
fsmiamoto

Summary

Software Engineer with 5+ years of experience, including key role in Amazon Furusato launch. Proven expertise in architecting high-impact and data intensive systems at scale. Strong focus on operational excellence, cloud-native AWS architectures, and AI agent tooling.

Skills

Languages: Python, Java, TypeScript, Golang, JavaScript

AI/ML Tools: LangChain, OpenAI API, Claude Code.

Cloud & Infrastructure: AWS CDK, Lambda, DynamoDB, OpenSearch, CloudWatch, Linux

Open Source

lazygit – Significant contributor to popular Git TUI (50k stars).

reagent – Tool for reviewing AI agent code. Built with TypeScript/Node.js.

Certifications

Japanese Language Proficiency Test (JLPT) – N2

Languages

Portuguese – Native

English – Fluent/Native level

Japanese – Limited Working level

Education

B.S. Electronics Engineering

Universidade Tecnológica Federal do Paraná

GPA 0.891 / 1.000

Focus on Computer Architecture, Embedded Systems, Operating Systems

Experience

Software Development Engineer II

Aug 2024 – Present

Amazon | Tokyo, Japan

- Member of the original team that launched Amazon Furusato in Japan. Delivered the financial tracking infrastructure to disburse donations to more than 1000 municipalities.
- Delivered an invoicing automation project for Amazon Furusato, coordinating 8+ global teams in various domains with 20+ engineers.
- AI tooling evangelist, delivering multiple internal talks and becoming a go-to reference within the organization.

Software Development Engineer II

Jun 2022 – Aug 2024

Amazon | São Paulo, Brazil

- Led the expansion of high impact tax compliance internal platform to 4 European market-places (Germany, France, Italy and Poland), increasing the covered revenue by hundreds of millions of dollars and handling a 22x increase in system load alongside new compliance requirements.
- Architected and delivered database migration to OpenSearch Serverless for resolving existing customer feature gaps, enabling aggregated data views and advanced reporting capabilities.

Software Developer

Apr 2021 – May 2022

Azion | Porto Alegre, Brazil

- Rolled out new configuration delivery solution to synchronize 500k+ files on 100+ edge network hosts, resolving performance and functional issues by reducing the time configurations were deployed from hours to seconds.
- Built concurrent Go services with focus on performance, observability, and reliability for production infrastructure
- Progressed to Technical Lead role within team, contributing to architectural decisions and system design discussions, including the Azion CLI early design.

Junior Software Developer & Intern

Sep 2019 – Mar 2021

Carbonaut | Curitiba, Brazil

- Owned backend for Uniapp, a student-oriented app for facilitating the university life. Built several new features end to end including a digital student card.
- Contributed to initial backend design and built core implementation for MD Integrations healthcare platform, supporting customer acquisition through technical demonstrations of capabilities.