

# Flávio Miyamoto

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## Professional Experience

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AUG 2024 - PRESENT	<b>Software Development Engineer</b> <i>Amazon (Japan)</i> Implementing financial tracking infrastructure for Amazon Furusato launch to ensure real-time settlement accuracy for thousands of Municipalities.
JUN 2022 - AUG 2024	<b>Software Development Engineer</b> <i>Amazon (Brazil)</i> Main developer and architect of an internal tax compliance system managing hundreds of millions of dollars in revenue across Amazon's global retail operations. Led expansion to consolidated marketplaces, increasing total financial coverage by 20x and ensuring regulatory compliance across 5 countries.
APR 2021 - MAY 2022	<b>Software Developer</b> <i>Azion Technologies</i> Key member of the internal project that migrated the orchestration solution responsible for keeping 100k+ configuration files updated at 100+ Edge Nodes in real time. Developed tangible performance improvements for internal systems written in Golang that communicate through REST/gRPC, improving the throughput and reliability. Created and improved various performance and availability metrics, using Grafana and Prometheus, that yielded a better observability of our stack. Became a technical reference for the team, assisting and mentoring other developers.
SEP 2019 – MAR 2021	<b>Intern / Junior Software Developer</b> <i>Carbonaut</i> Maintained the backend for Uniapp, an app that helps students keep track of their academic life, contributing with new features and improvements. Developed the initial backend that supports the SanusX Health Shield app, making significant contributions to the implementation and design decisions. Developed in less than 5 weeks at the start of the pandemic, the app helps Austrians get tested for COVID-19 safely. Bootstrapped the backend for the MD Integrations platform, with key contributions in the initial design and implementation. Also worked with potential customers showcasing the technical aspects and benefits of the platform, contributing to their adoption.

## Education

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2017–2022	<b>B.S. Electronics Engineering</b> <i>Universidade Tecnológica Federal do Paraná- Curitiba, PR</i> Overall grade of 0.8914 out of 1.000 Data Structures, Computer Networking, Operating Systems, Embedded Systems, Re-configurable Logic, Computer Architecture
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