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Key Skills

Artificial Intelligence (AI)
Software Architecture
Kubernetes
Cloud Computing
Microservices
Back-end Development
Communication

Certifications

Certified Professional Software
Architecture – Foundation Level

Foundations of Cybersecurity

Introduction to Containers w/ Docker,
Kubernetes & OpenShift

Vinícius Romualdo

Software Engineer @ iFood | Master's Student in Software
Architecture @ USP | Backend Specialist | Go, TypeScript, Kotlin
São Carlos, São Paulo, Brasil

About

Software Engineer at iFood, with solid knowledge in backend and focus on evolving the field of Software Architecture. Expert in translating problems into scalable and robust solutions, with expertise in Go, TypeScript, React and PostgreSQL. I have participated in scientific research projects focused on mental health, developing conversational agents and integrating complex systems.

My career combines innovation, technical excellence and strategic vision, always seeking to transform challenges into concrete results. My goal is to lead the construction of high impact technological solutions, aligned with best practices in architecture and agile development.

Experience

iFood

2 years

Software Engineer

Nov 2024 - Present (1 year 4 months)

Osasco, São Paulo, Brazil

Throughout my journey, I've contributed to several impactful initiatives, including:

- Leading the full development of a Pix Key Management platform, from architectural design and data modeling to integrations and infrastructure provisioning. This project strengthened my experience in distributed systems, asynchronous communication, and backend performance optimization.
- Modernizing existing systems by refactoring legacy services into modern RESTful and event-based architectures, improving scalability, security, and domain separation.
- Developing shared backend libraries and internal tools to streamline integrations, reduce code duplication, and improve developer experience across squads.

- Building intelligent automation tools powered by AI to assist internal operations, optimizing response time and improving efficiency in daily workflows.
- Enhancing observability and reliability by implementing monitoring dashboards, alerting pipelines, and proactive error-handling mechanisms to maintain system health in production.
- Supporting technical discoveries and architecture proposals for new domains, defining integration strategies and scalable designs aligned with product goals.

Software Engineer Intern

Mar 2024 - Nov 2024 (9 months)

Osasco, São Paulo, Brazil

As a Software Engineer intern, I contribute to the back-office solutions for iFood Pago. My responsibilities include developing new products, improving the system's user experience, and collaborating on the design and implementation of its new architecture. I also maintain the first shared code library created for my team, ensuring consistency and scalability.

Additionally, I participate in innovative initiatives, such as a company-organized Generative AI Hackathon, where I developed a back-end system integrated with AI. My work involves leveraging technologies like Go, NestJS, and Kotlin.

FAPESP

Scientific Researcher

Mar 2023 - Mar 2024 (1 year 1 month)

São Carlos, São Paulo, Brasil

As a Web Developer, I worked with modern web technologies such as Next.js, TypeScript, and CSS, contributing to the development of innovative solutions for mental health and substance use disorder rehabilitation.

My role included defining and designing the system architecture, maintaining best practices, and provisioning the system using CI/CD concepts for seamless integration and deployment. I focused on creating intuitive interfaces and scalable systems to enhance user engagement and support recovery processes through technology.

Universidade Federal de São Carlos - UFSCar Oficial

Scientific Researcher

Mar 2022 - Mar 2023 (1 year 1 month)

São Carlos, São Paulo, Brasil

As a Web Developer, I worked with modern web technologies such as Next.js, TypeScript, and CSS, contributing to the development of innovative solutions for mental health and substance use disorder rehabilitation.

Formação acadêmica

USP - Universidade de São Paulo

Master's degree, Computer Science · (Mar 2025 - Mar 2027)

Universidade Federal de São Carlos - UFSCar Oficial

Bachelor's, Computer Science · (Jan 2021 - Apr 2025)