CLAUDIO ROBERTO RAUEN MASCARO
Senior Software Engineer

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São Paulo, Brasil 📍

Professional Summary

I am a Senior Software Engineer specialized in **Golang** and **Node.js**, with over 4 years of professional experience. My passion for programming began early, during middle and high school, where I gained hands-on experience maintaining and customizing servers for a popular online game.

As a backend and platform engineer, I focus on building scalable, reliable, and efficient systems. My expertise encompasses the **complete development lifecycle**, including requirement gathering, **infrastructure** provisioning (**Infrastructure as Code**), **CI/CD** pipeline implementation, application **monitoring**, **observability**, and hands-on development in **multiple programming languages**.

I have significant experience in online payment processing, where I developed solutions capable of handling large volumes of real-time data. Utilizing a robust toolkit including **Kafka**, **Elasticsearch**, **PostgreSQL**, and extensive **AWS** cloud services (**AWS Certified Cloud Practitioner**), I contributed to projects that substantially improved data accessibility, performance, and search capabilities.

Currently, as a Senior Software Engineer, I develop and optimize microservices for a multi-tenant card-issuer platform. I leverage **Golang**, **RabbitMQ** for asynchronous messaging, **PostgreSQL** for reliable data storage, and **OpenTelemetry** for monitoring and observability. Deployments are automated through **ArgoCD** on **Kubernetes**, ensuring scalable and resilient systems.

Education

Junior Software Engineer, mentorship
with Níckolas Daniel da Silva, **09.2020** ~

I've attended a professional and multidisciplinary mentorship with five knowledge goals: development of basic technical skills for production; exposure to real use cases; understanding of business models and diversity of areas; software design and testing principles and techniques; personal guidance (specialist/generalist). More details, contact directly at

Achievements:
- A Newsletter form with management area, including:
    - A Rest API to perform CRUD operations, including filtering, ordering and pagination
    - A React JS frontend application with a Newsletter form and a management area

Bachelor of Music in Conducting
Instituto de Artes - Universidade Estadual Paulista, UNESP - **03.2017 ~ 02.2021**

Works: Oratorio de Noël (Saint-Saëns), Messiah (Handel), Orphée aux Enfers (Offenbach), L'enfant et les sortilèges (Ravel), Pirates of Penzance (Gilbert & Sullivan), Vespro della Beata Vergine (Monteverdi).

Professional Experience

Senior Software Engineer, *Asapcard - Asaptech*
04.2025 - current - São Paulo, Brasil

I develop and optimize microservices for a multi-tenant card-issuer platform, focusing initially on clearing and conciliation for Visa and Mastercard formats, and currently working on invoice management. Using Golang, I build scalable, resilient systems leveraging RabbitMQ for event-driven asynchronous communication, PostgreSQL for reliable data storage, and iDempiere ERP for business process integration. Monitoring and observability are ensured via OpenTelemetry, with deployments automated through ArgoCD on Kubernetes.

Skills: Golang · RabbitMQ · Postgres · Idempiere · OpenTelemetry · Kibana · Datadog · Docker · AWS · Kubernetes · ArgoCD

Software Engineer, *Pagar.me - Stone Co.*
05.2023 - **04.2025** - São Paulo, Brasil

I develop and enhance solutions for providing metrics, indicators, and insights into engineering and development experiences. Using Golang to build robust and effective systems and leveraged Devlake for data integration and process optimization. MySQL was utilized for data management, while React was employed to create interactive and efficient user interfaces. Monitoring and visualization were handled with Grafana and Datadog, and deployments were managed on AWS EKS using Helm charts and ArgoCD for automation and efficiency.

Skills: Golang · Node.js · Devlake · MySQL · React · Grafana · Datadog · AWS EKS · Helm charts · ArgoCD

Junior Software Engineer, *Pagar.me - Stone Co.*
03.2021 - **05.2023** - São Paulo, Brasil

I worked as a Node.js back-end/platform engineer focusing on implementing solutions using Kafka and event-driven microservices. Additionally, I leveraged Elasticsearch and REST APIs to build optimized search functionality. My responsibilities included designing and implementing scalable and reliable systems that handle large volumes of real-time data at payment industry context. I collaborated with cross-functional teams to ensure the overall quality and performance of systems and to implement new features based on internal customer needs.

Skills: Golang · Github Actions · CircleCI · Apache Kafka · Kafka Connect · Elastic Stack (ELK) · Kubernetes · AWS · Terraform · Datadog · Kanban · Scrum · Docker · Node.js · PostgreSQL

Certifications

AWS Certified Cloud Practitioner
12.09.2022 - *valid thru* **12.09.2025**

Link to verificate certification