CLAUDIO ROBERTO RAUEN MASCARO
Software Engineer

@ClaudioMascaro
claudiormascaro@gmail.com @
+55 11 985 911 669 📞
São Paulo, Brasil 📍

Professional Summary

I am a software engineer specialized in **Node.js** with over 4 years of experience, complemented by more than 1 year of expertise in **Golang**. My passion for programming began early during middle and high school, where I honed my skills maintaining and customizing servers for a popular online game.

Under the **mentorship** of a respected member of the PHPSP software community, I completed my first full-stack project — an integrated newsletter signup with robust management capabilities. This experience gave me a first understanding in a full stack set of tools (**MERN Stack**) and **Git**, refining my collaborative skills through GitHub **Pull Requests** and **Code Reviews**.

As a backend engineer, I am dedicated to crafting end-to-end scalable and reliable systems. My expertise spans from requirement gathering, **infrastructure** provisioning (including **IaC**), **CI/CD** pipeline implementation, application **monitoring**, alongside hands-on coding in **multiple programming languages**.

With a major experience in online payment processing, I have developed solutions capable of handling large volumes of real-time data. Leveraging a robust toolkit including **Kafka**, **Elasticsearch**, and extensive **AWS** cloud services (which I have a **Cloud Practitioner Certification**), I contributed to a project enhancing data access for clients. This initiative significantly improved data availability, performance, and enabled more advanced search capabilities.

Currently in my role as a platform engineer, I focus on enhancing development experiences, providing engineering insights (including **DORA metrics**) for multiple teams and projects, delivering a full stack solution using Golang and React (**Backstage**).

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
https://www.linkedin.com/in/nawarian/
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

Software Engineer, *Pagar.me - Stone Co.*
05.2023 - current - 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 · 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: Github Actions · CircleCI · Apache Kafka · Kafka Connect · Elastic Stack (ELK) · Kubernetes · AWS · Terraform · Datadog · Kanban · Scrum · Docker · Node.js · PostgreSQL

Junior Software Engineer, *mentoring, Project: Newsletter*
12.2020 ~ **01.2021** - São Paulo, Brasil

I developed a newsletter project with a registration form and a management area. Using Node.JS (Typescript) with the Express.JS framework, I implemented a Rest API to handle the data logic on the server side, storing it in a MongoDB database. The user interface was developed using the React.JS library with Typescript and Styled Components.

Version control was done with Git, and project milestones were approved through Pull Requests in GitHub repositories and after Code Reviews.

https://github.com/ClaudioMascaro/Claudio-News-API
https://github.com/ClaudioMascaro/Claudio-News-App

Certifications

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

[Link to verificate certification](#)