

# Cesar Wen

Software Engineer, 27 years old, male

## Contact

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## Foreign Languages

English: Fluent  
Spanish: Advanced  
Chinese: Intermediate  
Japanese: Basic

## Education

Mechatronic Engineering, POLI USP | Bachelor's Degree  
Shibaura Institute of Technology (Japan) | Exchange Program

## Languages & Technologies

●●●●● Python  
●●●●○ GO  
●●●○○ Java  
●●●○○ HTML, Javascript, CSS  
●●○○○ C, C++, C#  
●●○○○ matlab  
●●●●○ GIT  
●●●○○ GitHub Actions  
●●●○○ Docker  
●●●○○ AWS  
●●●○○ Google Cloud  
●●●●● SQL  
●●●●● Power Bi

## Certificates & Projects

Startup Program | [Certificate](#)  
Machine Learning | [Certificate](#)  
Excel VBA | [Certificate](#)

Scientific Initiation on Backend Development

Advanced Perception Laboratory

Open Source 3D Printers Project  
ABRA (Architecture of Open and Reconfigurable Bases)

## Work Experience

### Giorgio (Co-Founder)

2021 - Presente

A startup that transitioned between three sectors: Tourism, Gastronomy/Experiences and Chat Bots.

### CTO & Software Engineer [Smart Chat Bot]

Jan 2023–Present

As a team, we built a versatile chatbot for wine sales and support. This **scalable, customizable** product holds potential for diverse applications. **Led a four-member team** in developing an advanced Python-based chatbot, resulting in these achievements:

- Architected a **modular, customizable and scalable product**, designing a flexible system that could adapt to varying requirements and future expansion.
- Orchestrated the deployment and continuous maintenance of **AWS (ECS) to host Docker containers**, ensuring a reliable and efficient infrastructure for operation.
- Utilized **Memcache** to optimize response times, ensuring smooth and **responsive user interactions**.
- Enhanced user engagement by seamlessly **integrating the OpenAI API**, delivering natural and contextually relevant interactions.
- Developed a secure SSL-integrated webhook for the **WhatsApp Business API**, ensuring **data security and privacy** while enabling seamless communication.
- Streamlined user engagement and data management by skillfully **integrating HubSpot**, serving as a comprehensive **database and CRM** solution.

### Software Engineer [Experience and Gastronomy]

Aug 2022– Jan 2023

Through these actions, we secured a **R\$100k investment at a R\$1000k valuation**.

**Led a team of four** in developing an app for optimal restaurant selection and diverse experiences in São Paulo City. This app had a user base of over **300 recurring and 1000 active weekly users**.

- Developed a **Docker** server with **Python (Flask)**, using **AWS ECS**.
- Implemented **AWS S3 (with Load Balancers)** to manage extensive media content.
- Streamlined the development process with **GitHub actions (CI/CD)** enabling continuous development practices.
- Maintained data operations with **Google Firestore**, ensuring low latency and efficient data handling.

### Software Engineer [Tourism App]

Oct 2021– Aug 2022

**Led a team of two** in the development of a recommendation app that suggests the ideal travel destinations based on individual user preferences.

- Migrated and sustained services from Google to AWS platforms (**Lambda, S3, load balancers**), resulting in an average **monthly cost reduction of 80% on cloud expenses**.
- Integrated with various Google products like microservices, databases, storage, and cloud distribution systems (**Cloud Functions, Firestore, Cloud Storage, Cloud CDN**).
- Collected and managed data to generate **Google Data Studio** dashboards, enabling the monitoring of performance metrics for the developed application.

### Rappi

2020 - 2022

A Colombian unicorn and one of the leading startups in Latin America.

### Analyst & Automation at SP&A

Sep 2021– Apr 2022

- Optimized analyst work hours by **automating Google Sheets dashboard** updates using **Python and Airflow**, resulting in streamlined routines.
- Pioneered the creation of multiple **dashboards utilized by Rappi's global leadership**, along with **real-time tracking dashboards** for swift management of critical demands.

### Analyst at Growth

Jan 2021– Sep 2021

Developed **Power BI/Google Sheets** dashboards for Growth campaigns, **enabling performance tracking and informed decision-making**.

### Intern at SP&A

Oct 2020– Dez 2020

Developed **Power BI, Google Sheets and Microsoft Excel dashboards**, extracting insights from **SQL database** to generate business logic and track key performance indicators (KPIs) across various business segments.