#### **Cesar Wen**

Softwa<u>re Engineer, 27 years old, male</u>

#### **≟** Contact

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## **△** Foreign Languages

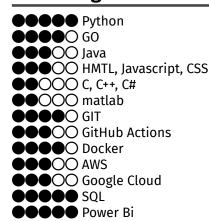
English: Fluent
Spanish: Advanced
Chinese: Intermediate
Japanese: Basic

#### **Education**

Mechatronic Engineering, POLI USP | Bachelor's Degree

Shibaura Institute of Technology (Japan) | Exchange Program

# </> Languages & Technologies



## **6** 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 OpenAl 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.