Cesar Wen
Software Engineer, 27 years old, male

📇 Contact

📍 R. Verbo Divino, São Paulo, SP
✉ cesarwn@gmail.com
📞 +55(11)98706-4560
🐙 github.com/cesarwen
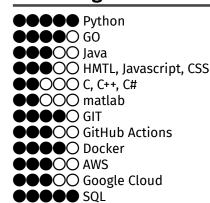in linkedin.com/cesarwen

🈂 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
●●●○○ HMTL, Javascript, CSS
●●○○○ C, C++, C#
●●○○○ matlab
●●●●○ GIT
●●●○○ GitHub Actions
●●●●○ Docker
●●●○○ AWS
●●●○○ Google Cloud
●●●●● SQL

☗ 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.