RICCARDO CAMPO

Software Developer

@ riccardocampo@tutanota.com +39 328 8772993 Italian Palermo, Italy 18th May, 1994
riccardocampo.github.io RiccardoCampo Riccardo Campo

EXPERIENCE

Senior Backend Engineer

Ren Systems

November 2024 – Present — Palermo, Italy (working remotely)

Ren is a Sales Intelligence service. I've been working on improving and maintaining Ren's backend and infrastructure. Being part of a small team, I learned to deal with a wide variety of topics:

- Developing features in an environment with fast changing requirements
- Performance and optimization for DB queries, asynchronous tasks and APIs
- Deploy changes without disrupting the contstant traffic from more than 7k user to the APIs
- Integrating and maintaning several third-party services
- Solving incidents
- Implementing best practices around Software Security
- Infrastructure cost optimization

Technologies: Python FastAPI Celery RabbitMQ AWS Terraform Redis PostgreSQL OpenSearch

---

Senior Backend Engineer

Everli

June 2021 – November 2024 — Palermo, Italy (working remotely)

Everli is an E-grocery service. I worked on improving and maintaining the software handling Everli's catalog, prices and invoices.

- I became familiar with the microservices architecture and asynchronous communication beeween such services
- I took part in designing new flows, or integrate old flows with AWS
- I was responsible for the correct functioning of the whole website prices update flow, handling over 70M prices
- I designed and implemented the website's search engine based on Vector Search

Technologies: PHP Laravel Python AWS RabbitMQ MySQL Redis ElasticSearch

---

IT Consultant

Techedge (now Avvale)

Feb 2019 – June 2021 — Milan, Italy

My duties included:

- Software design, development and bugfixing
- Handling clients' change requests
- Coordinating other developers

Projects:

Trading Intelligence

I worked as a Software Developer in an international project, held by the Trading department of a prominent Oil&Gas company, collecting and visualizing billions of data records about EU energy market.
Most of the work consisted in migrating the storage system from SQLServer to Cloudera.

Technologies: Cloudera Python PySpark SQLServer Kafka

Products Catalogue Integration

Project on behalf of one of a large company in the eyewear industry. The aim was to distribute centralized products information from SAP to Solr using Kafka, transferring billions of records on a daily basis.

Technologies: Azure HDInsight Azure Databricks Kafka

PROJECTS AND CONTRIBUTIONS

Bands
I developed a web app to catalog music, that lets you score artists with custom metrics and search them. A demo is available at: bands-music.netlify.app.

Tinylist
Tinylist is a Open Source web app; I contributed by fixing bugs and porting the code from Vue2 to Vue3.

Fossify Calendar
Fossify Calendar is an Android calendar app; I contributed fixing bugs.

EDUCATION

M.Sc. Computer Science and Engineering

Politecnico di Milano

Sep 2016 – Dec 2018 | Milan, Italy

105/110

Work of thesis in Natual Language Processing
I investigated the use of Deep Learning to perform Automatic Text Summarization.

B.Sc. Computer and Telecommunications Engineering

Università di Palermo

Sep 2013 – June 2016 | Palermo, Italy

110/110 e lode (with honors).

SKILLS

Proficient and currently working with

Python | FastAPI | Celery | AWS | RabbitMQ | Redis | PostgreSQL | OpenSearch

Past work experience

PHP Laravel | Kafka | Cloudera | MySQL | SQLServer

Personal or academic experience

Vue.js | Django | Unity | C# | C++ | Java | Kotlin | C | Arduino

Languages

Italian | English