



# Ignazio Ingenito

Startupper, Software Developer and CTO



## Summary

As an experienced Senior Developer / Team Leader in the banking and finance sector, I have managed all aspects of IT infrastructure implementation and development, successfully optimizing performance, driving down management costs, and ensuring the provision of useful, high-quality, secure data. I have considerable expertise in business-process modelling, in identifying and implementing new technologies to improve long-term operational effectiveness and to achieve corporate mission, and in devising technical solutions to monitor risk.

In the last 2 years I've founded a new start-up company that aims to innovate the logistic sector introducing new technologies as cloud computing, big-data and machine learning, we had a good success so that we're the only Italian little company present on the Google Cloud Platform Customer Success page (<https://cloud.google.com/customers/eli>).



## Experience

2019-07 - present

### Head od web | Lead Web Developer

Mooges Ltd/Hypersurfaces - London  
A very innovative startup that combines vibration sensors and the latest developments in machine learning/AI to transform any object of any material, shape and size into an intelligent object able to recognise physical interactions without the need for keyboards, buttons or touch screens.  
<https://techcrunch.com/2018/11/20/hypersurfaces>

Responsibility: Plan, design, develop and manage the team working on our core tool for audio registration, post-processing, annotation and data collection.  
Technologies: Python, Flask, SQLAlchemy, REST, Pytest, React, Javascript, Postgres, Cloud SQL, Google AppEngine, Google Compute Engine, Google Cloud Build, Google FireBase, Docker

2016-04 - 2019-06

### Senior Developer & CTO

O.H.C. Srl  
As the first developer of the company I've realized the first MVP, designed the architecture, developed the core functions and built the team of our main product called "ELIWMS".  
In December 2017 we were chosen by Google Inc as Case Study at <https://cloud.google.com/customers/eli>.

*Technologies* : Python, Flask, SQLAlchemy, REST, Unit test, jQuery, Bootstrap, AngularJS, Materialize, Javascript, SAP HANA DB, MSSQL, MySQL, Cloud SQL, Google AppEngine, Google Compute Engine, Google Auto ML, Google Kubernetes, Google Cloud Build, Google



## Personal Info

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## Skills

- Google AppEngine
- Google Kubernetes
- Compute Engine
- Google Firebase
- Google Fire Store (NoSQL)
- Google Pub/Sub
- Google API (Maps, Drive, Translation, Text-To-Speech, Natural Language...)
- Python 3.7 / 2.7
- Flask
- SQLAlchemy
- RESTful Web services
- Swagger

2011-04 - ●

2016-04

## Sagres Securities SA - Switzerland

We also built a system for the management of an absolute return fund with performance analysis, risk management, customer reporting capabilities.

2007-12 - ●

2011-04

## Monte dei Paschi di Siena Bank

Main project:

- 2003-12 - ●
- 2007-11

Antonveneta Bank - Italy / ABN AMRO - **Holland**

- Order Routing Market Access (Stock market) using .Net C# / WCF / SWIFT AP
- Portfolio Management, Asset Allocation, and Performance Analysis Web System using PHP / CodeIgniter / Oracle / AS400 (back-end)
- Creation of a platform to analyse the earning power of private clients and high-net-worth individuals using Python, Java, Spring
- Creation of a predictive churn system using .NET C# / ASP.NET / MSSqlServer

2002 - ●

AAABank

- Javascript / AngularJS



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2000 -  
2001

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Developer & Analyst

Tecnologie.Net

I joined differnet project for many customers as:  
**DeAgostini S.p.A.** - Created an e-business site  
(http://shop.deagostini.it) to sell the company’s full product range  
online.  
**SwissLife Italia S.p.A.** - Analysis and development of an application to  
manage insurance policies (collective/individual) and branch  
accounting.

1998 -  
1999

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Developer & Analyst

SHI S.r.l.

Analysis and development of a client-server application for selling,  
invoicing, and planning advertising (TV ads, sponsorships, and jingles)  
for CAIRO TV.

1996 -  
1998

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Developer & Analyst

Pride S.p.A.

Developed an integrated system for configuring and auto-  
dimensioning UT and GSM telephone exchanges (SPED-IC) for  
Ericsson/Italtel S.p.A.

Developed an ISO-9001-certified client-server system to manage  
connections and to control access to fault-diagnosis systems for  
telephone networks and data networks at the Telecom Italia national  
service centre.

1995

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Developer & Graphic designer

Poste Italiane S.p.A.,

Devised and created multimedia hypertexts and video clips to promote  
Poste Italiane S.p.A.’s products and services.

1995

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Freelance Developer

SO.IN.SO S.r.l.

Analysed and developed a client-server application to process statistical  
town-planning data as part of the council’s “Milan car parking and  
services” project, for SO.IN.SO S.r.l.

1993 -  
1995

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Freelance Developer

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Education

1989-09 -  
1993-07

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ITIS "Leonardo da Vinci", Aeronautical Engineering  
secondary school, Italy

Italian A-Level equivalent

Final grade: 60/60

Subjects: Aeronautical Engineering

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2019-04 -  
present



**Facebook Tech Leadership Training for CTO**

Limited access training program from Facebook and Codemotion.

- 20 seats
- Full english course
- Subject:
  - AI
  - Machine Learning
  - Software Architecture
  - CI/CD
  - DevOps
  - Data Driven Decision
  - Tech Team Management
  - Product Management According to Facebook
  - Financial management