

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

Experience

2019-07 present

Head od web | Lead Web Developer

(https://cloud.google.com/customers/eli).

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



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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

FireBase, Google FireStore, Google Pub/Sub, Google API (Maps, Javascript / AngularJS Translation, Text-To-Speech, Natural Language, Calendar, Hangout, Sheets, Drive API), Docker Materialize **Senior Developer & CTO** Sagres Securities SA - Switzerland MySql, MSSql, HANA DB As the most experienced developer, I designed the architecture, developed and led the team realized a real-time trading executions software (customer invoicing, swift settlement, reporting, etc...). .Net C# I personally wrote the user requirements, defined the architecture and participated to the development of the core functions, I also designed Vb.Net various unit test scenarios for the team mainly related to the web services. ASP.Net We also built a system for the management of an absolute return fund with performance analysis, risk management, customer reporting capabilities. ASP.Net MVC 4 Technologies: Microsoft C#, ASP.NET MVC 4, Bloomberg API, MSSql, Java / Spring Entity Framework, WebServices **Project Manager / Lead Analyst** Unit test Monte dei Paschi di Siena Bank I have managed major, complex projects – including banking start-ups and acquisitions - providing technical and operational support to **GIT** ensure that they are run a well-coordinated, well-organized, and efficient manner using different frameworks like Scrum and Kanban. Sap Business One Main project: - Starting up the "Merchant Bankers" division during MPS's acquisition of Banca Personale Bank SAP Hana XSA - Takeover of Banca Personale Bank (Lecce, Italy) by Monte dei Paschi Bank Bloomberg API - Starting up the Private Banking division - Antonveneta (BAPV) acquisition **Entity Framework Senior Developer / Senior Analyst** Antonveneta Bank - Italy / ABN AMRO - Holland Agile Kanban I join different project as developer and analyst: - Order Routing Market Access (Stock market) using .Net C# / WCF / **SWIFT AP** Scrum - Portfolio Management, Asset Allocation, and Performance Analysis Web System using PHP / CodeIgniter / Oracle / AS400 (back-end) **PHP** - 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 / Codeigniter MSSqlServer **Developer & Analyst** Google GSuite Scripting **AAABank** - AAA Trading online project: Implemented a new online trading system, including coordinating an external team (DeltaDator). - AAA Banking online project: Implementation of a new online banking system, including some of the development work and coordinating an

2011-04 -

2016-04

2007-12 -

2011-04

2003-12 -

2007-11

2002 -

2003

external team (DeltaDator/Auriga).

AAABank corporate site.

- Corporate website restyling project: Restyled and re-engineered the

- Net Sales project: Implemented a site to support the group sales network.
- Call Tracking project: Creating the call-tracking system for the call centre.

2000 - **Developer & Analyst**

2001

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 - **Developer & Analyst**

SHI S.r.l.

1999

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

for CAIRO TV.

1996 - **Developer & Analyst**

1998

Pride S.p.A.

Developed an integrated system for configuring and autodimensioning 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

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

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 -

Freelance Developer

1995

Education

1989-09 -1993-07

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

Italian A-Level equivalent

Final grade: 60/60

Subjects: Aeronautical Engineering

2019-04 present

Facebook Tech Leadership Training for CTO

Limited access training program from Facebook and Codemotion.

- 20 seats
- Full english course
- Subject:

ΑI

Machine Learning

Software Architecture

CI/CD

DevOps

Data Driven Decision

Tech Team Management

Product Management According to Facebook

Financial management