



Simone Cosci

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Address: Calle de Numancia 16, 38004, Santa Cruz de Tenerife, Spain (Home) |

Address: GENOMEDICS, Via Sestese 61, 50141, Florence, Italy (Work)

● ABOUT ME

Computer enthusiast since the age of 12, I have always found it exciting to learn new languages. I like to challenge myself and understand how complex systems work. I am self-taught and I believe that the best way to grow is to get out of your comfort zone and get involved. I am an academic and I like to share knowledge with other people like me.

● WORK EXPERIENCE

14/09/1992 – 14/09/2002

LEATHER GOODS MODELIST COSCI F.LLI S.A.S DI FRANCO E SERGIO COSCI & C

- Leathersgoods Sylist, Designer, Creation of Cutting Patterns using Autodesk CAD-CAM
- Production of the first prototype
- Creation and realization of the first web-site as CGI in PERL including the first E-Commerce
- Partecipation in fairs and events in Italy, USA, Deutchland, France, UK, Japan, Korea ecc.
- Managing the entire production process

Business or Sector Manufacturing | **Department** Style and Design

14/09/2002 – 14/09/2007

CTO INTERWORLD S.R.L.

- Development of various web oriented applications based on LAMP/WAMP stack
- Development of web application such as CMS, E-Commerce, CRM, ERP, RAD.
- Development of a RAD (Rapid Application Development) with a web interface based on PHP-MYSQL/PGSQL using a DBAL (DataBase Abstraction Layer) and an ORM (Object Relational Mapper) internally built in PHP using AR (Active Record) Design Pattertn
- Software Development of the "Portal Generator" vers.1 and 2 for the complete E-Commerce web site management
- Software Development of "Hotello" 1.0 for hotels and for all "rentals". With an online reservation and payment system.
- Software Development of "InterCar" for auto dealers, integrated with InfoCar Quattroruote Database for the estimations,.

14/09/2007 – 14/09/2017 Florence, Italy

PROGRAMMER PLANET SISTEMI INFORMATICI

- Development of various web oriented applications based on LAMP/WAMP stack
- Programming frontend and backend systems for CMS, E-Commerce, CRM, ERP, RAD.

- Creation of RAD (Rapid Application Development) using Kendo Framework to build a web-desktoplike app based on Zend Framework,.
- TICK@ ticketing system approved SIAE with Access Controll App, both via web browser or app mobile based on jQuery mobile. Commission management and billing system using PHP - Postgres
- Development of centralized update center for TICK@ with patcher and updater.
- Creation of a legacy CMS for UNICEF Geneva for File Shares
- Porting from Access (VBA) to a MySQL/PHP (ZendFramework/KendoUI) (web desktop) of the UNICEF Innocenti Research Centre of Florence's platform with the integrated management of Projects, Publications and Contacts
- Creation of "Community Of Practices" projects for the UNESCO
- Development of the Insights service for MSC cruises, All web based in PHP using Zend/KendoUI together with a server daemon built on Nodejs
- Porting from VisualBasic 6 to PHP7-MYSQL and creation of a platform management of the billing of the school canteen of the municipality of Livorno
- RAD and Templating for VisualStudio17 of an empty ASPNET MVC Project with Kendo and EntityFramework

Business or Sector Information and communication | **Department** Software development |

Address via Ambrosoli 39 – Scandicci, 50100, Florence, Italy | **Email** planet.srl@planetweb.it |

Website <https://www.planetweb.it/>

14/09/2017 – 14/09/2019

SOFTWARE SPECIALIST PIEROTUCCI S.R.L.

- Complete refactor of the E-Commerce website from PrtalGenerator 2 to a new legacy system based on Laravel and KendoUI
- Integration with the most important online payment systems
- integration with AdHoc Revolution by Zucchetti using C# and windows forms to read/write in the backend SQL Server to get products availability and to import new orders form web
- Creation of the WMS (Whatever Management System). A visual system to create a Relational Map of Entities. A no-code application to create applications (and to build parts of itself) <https://github.com/simonecosci/wms> Laravel/KendoUI

14/09/2019 – CURRENT Florence, Italy

SENIOR SOFTWARE DEVELOPER - BACKEND GENOMEDICS S.R.L.

<https://www.genomedics.it/>

<https://www.datalife.it/>

Development of CoreBI v1 - Platform for building dashboards for Business Intelligence (PHP7)

Integration with Laravel in the version 2 named CoreStack first and then KPlatform

<https://k-platform.cloud>

Creation of a RESTfull API server in PHP7 (then 8) with Laravel Framework

Creation of a Data Integration area to run ETL (Extraction Transformation Load) flows.

Creation of various connectors for Apache Airflow such as Postgres, MySQL, Oracle, SQL Server, DB2 in python

Creation of a common interface for filesystem connectors (hooks) like S3, HDFS, SFTP, FTP, still in python

Creation of a websocket server to connect queued background jobs with the client interface

Creation of DataK platform for ETL

<https://data-k.io>

Development a CI/CD dedicated platform

CI: CoreRelease - admink-release

Written in PHP8 allows developers to create "projects" grabbing the source code from a git SCM and building it using one or more pipelines written in groovy under a jenkins environment running in a docker container

At the end of the build flow, an artifact is generated and it's used to build versioned Docker images

CD: CoreDeploy - admink-release

Written in PHP8 allows the delivery team to create a set of applications that can be installed and updated directly on remote machines from a simple web interface.

Install the docker engine if not present on the remote host and upload the files necessary to run the stack
Also it monitors the HA nodes and switch from MASTER to REPLICa in case of master failure

Using OVH API it switch attached Block Storages from an instance to another keeping data updated.
Create a desktop application in C# to deploy the kplatform behind a VPN or on premises

Developed licensing system for Kplatform
<https://admink-license.genomedics.it/>

Business or Sector Information and communication | **Department** Backend / DevOps |

Address Via Sestese 61, 50141, Florence, Italy | **Email** info@genomedics.it | **Website** <https://www.genomedics.it/>

● EDUCATION AND TRAINING

09/09/1996 – 14/09/2001 Florence, Italy

PROGRAMMER ACCOUNTANT ITC A.Volta

Address Via Roma, 75, Bagno A Ripoli FI, 50012, Florence, Italy | **Website** <http://www.gobettivolta.edu.it/it2/>

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | B1 | B1 | B1 | B1 | B1 |
| FRENCH | A1 | A1 | A1 | A1 | A1 |
| SPANISH | A1 | A1 | A2 | A2 | A2 |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

HTML CSS PHP | PYTHON | C# | JAVA | HTML5/CSS, Javascript | SQL (MySQL, SQLite, PostgreSQL, SQL Server) | PHP Laravel | bash-script | GitHub, Dockers, Kubernetes