



Gregory Callea

Date of birth: 27/02/1990 | **Nationality:** Italian | **Gender:** Male | (+39) 3275407039 | gregory.callea@hotmail.it |

Via S.Caboto 4/B, 97013, Comiso, Italy

● WORK EXPERIENCE

08/2019 – CURRENT – Roma, Italy

CAPTAIN (NATO OF-2) - IT ANALYST – GUARDIA DI FINANZA

04/2018 – 07/2019 – Catania, Italy

SENIOR SOFTWARE ENGINEER – AUCTA COGNITIO

Client Company: **several clients**

- Maintenance of servers
- DevOps
- Microservice architecture based on Docker containers
- Microservices project build management (Spring Maven, Golang modules)
- Software Backend development and architecture design (Golang , Java EE 8)
- Design and Integration for communication FE/BE via REST API and Websocket
- Apache Kafka
- Apache Parquet
- Docker-compose and Docker Swarm
- Kubernetes
- System administration (RHEL, Debian, Suse, CentOS)
- API and CLI development
- Unit and functional tests
- CI/CD built on Docker, Jenkins, Nexus 3 (as Docker Registry) and Git

05/2013 – 08/2018 – Catania, Italy

SOFTWARE ENGINEER – AUCTA COGNITIO

Client Company: **C3dna** (Santa Clara, CA)

- Relations with clients
- Maintenance of servers
- DevOps
- Software Backend development and architecture design (Java 7/8 SE, Chef, Ruby, Bash)
- System administration (RHEL, Debian, Suse Linux, CentOS)
- API and CLI development
- Unit and functional tests
- Continuous integration and scripts automation

● EDUCATION AND TRAINING

09/2012 – 07/2014

MASTER'S DEGREE IN COMPUTER ENGINEERING – University of Catania

- **Computer Field**

Artificial intelligence, Information Technology for Industrial Applications, Embedded Systems, Distributed Systems, Languages and Translators, Industrial Automation Networks, Architectures and Technologies of telecommunication systems, Cognitive Systems and Human Computer Interaction, Software Engineering, Security in Information Systems, Technologies of Automatic Control Systems.

110/110 with honors | EQF level 7

09/2009 – 07/2012

BACHELOR'S DEGREE IN COMPUTER ENGINEERING – University of Catania, Engineering Department

- **Engineering Field**

Analysis and Mathematics, Linear Algebra and Geometry, Chemistry, Physics, Electronics, Electrical Engineering, Telecommunications, Automation Engineering, Electrical Measures;

- **Economic Field**

Economy and Business Knowledge, Business's Statistics;

- **Linguistic Field**

English

- **Computer Field**

Computer's basics and laboratory, Database Management System, Electronic Calculator, Computer's Network, Operating Systems, Software Engineering, Computer's Laboratory, Computer Languages, IT Systems

- **Programming Languages**

C, Java, C#, Python, Ruby, Assembly, VHDL, SQL, HTML, CSS, JS

110/110 with honors | EQF level 6

09/2004 – 06/2009 – Comiso, Italy

DIPLOMA – Liceo Scientifico Sperimentale "G.Carducci"

- **Generic Level**

Italian Language, Latin Language, History, Philosophy, Geography, Art History, Biology;

- **Professional Level**

Mathematic, Physics, Astronomical geography, Chemistry;

- **Other activities:**

Singular and Team Provincial Mathematic's Olympiad sited in Ragusa in the years: 2005-2007-2008-2009

95/110 | EQF level 4

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

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

● PUBLICATIONS

Workflow Orchestration Component QOS based on PRISMA platform using Openstack

http://www.ording.ct.it/download/RIVISTA_genn_Giugno_2015.pdf - 2015

The thesis is engaged on PRISMA Project's scope (Cod. PON04a2_A) - Interoperable Cloud Platforms for Smart-Government that aims to develop an innovative cloud platform to support eGovernment processes and services involving urban and metropolitan scenarios of Public Administration (PA) based on services provided by an IaaS infrastructure performed by Openstack. The thesis proposes a component to design and deploy services on PRISMA platform and to allow citizens to benefit from them according to self-service SLA-based models.

● ORGANISATIONAL SKILLS

Skills overview

- Good experience in project management gained through works inside a team for Academic and work projects.
- Good skills on team management, tasks planning and controlling to achieve specific goals and meet specific success criteria at the specified time.

● COMMUNICATION AND INTERPERSONAL SKILLS

Skills overview

- Teamworking
- Good skills in relations with clients
- Good ability to adapt to multicultural environments gained through my foreign travels
- Good communication skills with clients gained through my experience as software consultant
- Great analytical skills, creativity and logical thinking for problem solving and troubleshooting

● PROFESSIONAL SKILLS

IT Skills

- **Software development**
- Great skills in project management
- Great skills in unit, mock and functional tests
- Great skills in Docker containerization
- Great knowledge of Git and development flow
- Good knowledge of REST pattern

- **Software development IDE**
- Great knowledge of JetBrains development softwares (IntelliJ, RubyMine, AppCode, CLion, Webstorm)
- Good knowledge of XCode, Netbeans, Eclipse, Arduino IDE;

- **Programming languages**
- Great software development skills with Java, Golang, Chef, Bash, Arduino;
- Great knowledge with Maven software management tool
- Great knowledge with Golang modules for build phase
- Good software frontend development skills with JS, HTML, CSS;
- Good software development skills with Ruby, NodeJS;
- Basic software development skills with Swift;
- Basic development skills with Python, Ansible;
- Basic UML knowledge;

- **Project management**
- Great knowledge of Slack and integration with Jenkins
- Great knowledge of Atlassian tools Jira and Confluence
- Basic knowledge of Trello

- **DevOps:**
- Great knowledge CI/CD deployment based on Docker (Nexus Sonatype + Docker Compose + Git) with multi-stage optimization on Docker image creation
- Great knowledge of CI tools (Gitlab, Nexus, Jira, Confluence, Chef, VPS)
-

- **Embedded systems:**
- Good embedded systems applications development skills (Android, iOS, Arduino, Microcontrollers, Raspberry)
- Good skills on working with several sensors and actuators with boards (Arduino, Raspberry)

- **Other specific softwares:**
- Great knowledge of Microsoft Office™ tools (particularly Word™, Excel™ and PowerPoint™);
- Great knowledge of Docker and Docker-compose
- Good knowledge of Docker-Swarm and Kubernetes
- Good knowledge of Wordpress (installation, maintenance and development)
- Basic skills of video and photo editing (Sony Vegas, After Effects, Photoshop)
- Basic Matlab scripting knowledge

- **System administration:**
- Great system administration skills (RH, Centos, Ubuntu, Debian, Suse, Raspbian)
- Great knowledge of sql and no-sql databases (MySQL, MongoDB)
- Great skills of network setup, security and analysis (VPN, Iptables, Netstat, Iptables)
- Great knowledge of Unix systems
- Great knowledge of MacOS operative system
- Good knowledge of Windows systems

- **OTHER CERTIFICATIONS**

07/2015

Licensed as a Profession Engineer (qualifying examination passed)

Diploma obtained at University of Catania

- **AUTHORIZATIONS**

Pubblicazione nel settore dei contratti pubblici in Italia

Si autorizza la pubblicazione del presente curriculum e di ogni informazione in esso contenuta per le finalità e secondo le modalità indicate all'art. 29 comma 1 del D.lgs. n. 50/2016.

Si precisa che tale autorizzazione è limitata esclusivamente agli obblighi di legge relativi agli adempimenti relativi alle procedure sopracitate. Conseguentemente il documento non dovrà essere reso pubblicamente accessibile una volta decorso il termine prescritto dalle norme di legge.