GIOVANNI GAMBALE

Born in Avellino (AV) Italy September 17, 1992
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WORKING EXPERIENCE

SOFTWARE ENGINEER
FROM MAR, 2022
FOR INAIL, AT EUSTEMA SPA

Software engineer for Eustema S.p.A. on INAIL projects, with the following tasks: active participation in requirements collection and functional analysis, design and development (full stack) of evolutionary/corrective actions for INAIL portal applications, tickets management for release actions.

Tools, frameworks and technologies: Java, Struts, Maven, Git, WebLogic, Jboss, Jazz, IBM Rational Team Concert (RTC), SonarQube, Kiuwan.

SOFTWARE DEVELOPMENT ENGINEER
FROM APR, 2021 TO MAR, 2022
SOULSOFTWARE SRL, MERCOGLIANO (AV), ITALY

Software development engineer at SoulSoftware R&D department on projects in aerospace sector like:

- *En-Route Aerodrome Real Time Simulator (eArts)*: a lightweight, real-time platform that supports small and medium-scale distributed simulations (En-Route & Approach and Aerodrome operations). Developed in Kotlin and Java.
- *Unmanned Aircraft System Traffic Management (UTM) Simulator*
- *UTM Real Time*: a cross-platform flutter application (web/Android/iOS) that interacts with the UTM Simulator.
- *Airport System PRotection from Intruding Drones (ASPRID)*: a cross-platform flutter application (web/Android/iOS) for SESAR JU project under the European Union's Horizon 2020 research and innovation programme (Project ID: 892036).

JAVA SOFTWARE ENGINEER
FROM NOV, 2018 TO APR, 2021
FOR CCH TAGETIK, AT NEXSOFT SPA, SALERNO, ITALY

Java web development of the Tagetik financial dashboard. Management of the software development cycle with the agile Scrum framework, using JIRA as issue tracker and stories manager. Use of technologies such as Spring, Vaadin and Hibernate. Interaction with various types of databases (e.g. SQLServer, PostgreSQL, etc). Use of SVN as version control system and Maven/Gradle as tools for the dependency management and build automation. Microservices (spring-boot application) and REST API development. Use of Angular framework (with npm and typescript).

JAVA SOFTWARE ENGINEER
FROM SEP, 2018 TO OCT, 2018
NEXSOFT SPA, SALERNO, ITALY

In-company training on the following topics:

- Java SE, Java EE
- HTML, CSS, JavaScript
- XML, JDBC, Web Services SOAP e REST, Servlet, JSP, JSTL, EJB, JPA, SQL
- Spring, Hibernate

ACADEMIC STUDIES | **QUALIFICATION TO PRACTICE INFORMATION ENGINEER (SECTION A) PROFESSION**
JAN 2023
UNIVERSITÀ DEGLI STUDI DI SALERNO, FISCIANO (SA), ITALY

COMPUTER ENGINGEERING – MASTER'S DEGREE (110/110)
FROM OCT, 2015 TO MAY, 2018
UNIVERSITÀ DEGLI STUDI DI SALERNO, FISCIANO (SA), ITALY

Master degree level courses, with a focus on embedded systems, advanced data structures, advanced control techniques, robotics, remote sensing, software engineering, semantic web, mobile programming and computer vision.

This course of study is certified by ENAEE (European Network for Accreditation of Engineering Education).

Thesis: "A distributed Graph Isomorphism algorithm using MapReduce"

ERASMUS EXCHANGE STUDENT
FROM SEP, 2017 TO JAN, 2018
UNIVERSITAT POLITÈCNICA DE CATALUNYA, BARCELONA, SPAIN

The aim of the thesis research work is the study of enabling technologies for distributed computing and the design and implementation of a distributed Graph Isomorphism algorithm on a cluster architecture.

Responsibilities: Design, Implementation, Testing, Documentation
Tecnhologies: Java, MapReduce

COMPUTER ENGINGEERING – BACHELOR'S DEGREE
FROM OCT, 2011 TO DEC, 2015
UNIVERSITÀ DEGLI STUDI DI SALERNO, FISCIANO (SA), ITALY

Bachelor degree on basics computer engineering topics, with an adeguated knowledge of maths and physics, basic data structure, programming and database skills. Basic knowledge of telecommunication systems, computer networks, automatic controls and control systems.

Thesis: "Testing automatico di Applicazioni Web" (EN: Automatic Web Application Testing)

EXPERIENCES | **INTERNSHIP DURING STUDIES**
FROM JUL, 2015 TO SEPT, 2015
DELOITTE EXTENDED BUSINESS SERVICES SRL

Realization of an automated solution for functional and regression testing of Web Applications, using the Selenium platform.

Responsibilities: Design, Development, Documentation, Presentation with slides and demo
Technologies: Java, Selenium IDE, Selenium Web Driver

SKILLS | **Language skills:**

Italian – Mother Language

English – B2

Driving license:

Driving License B type – obtained on Dec 29, 2010

Communication, organizational and management skills:

Good communication, teamwork and problem solving skills, acquired during my university experience (team projects with presentation of what developed) and during my work experiences (SCRUM framework).