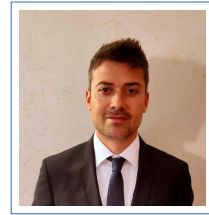


Francesco De Falco

Curriculum Vitae

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Born on 06/26/1986



Professional experience

- Nov 2022 - **Junior Blockchain Auditor**, FREELANCE, Rome.
Dec 2022
 - I worked for the first time as auditor collaborating with **Codezen**, auditing a part of a project written in Golang using as static analysis tools Gosec and Staticcheck.
- Sep 2021 – **Senior Software Engineer I**, HCL TECHNOLOGIES ITALY, Rome.
Present
 - From April 2022 I am responsible and Scrum Master of **AI Data Advisor**, a solution based on Big Data, Data Analytics and Machine Learning technologies:
 - I am coordinating and leading different activities like project planning, developing, QA, bug fixing and presentations
 - I work directly with Python, OpenSearch, Facebook Prophet, Docker, JIRA. Other technologies involved are Kubernetes, NGINX, React and Javascript.
 - From September 2021 I am responsible of DevSecOps activities implementing and handling CI using mainly Jenkins, GitHub, HCL AppScan, Whitesource, SonarQube, Trivy tools.
 - As needed I work on other projects as software tester
- Nov 2018 – **Senior Test Automation Engineer**, ALTEN ITALIA, Rome.
Sep 2021
 - As a technical contact and team leader I dealt with the analysis, design, implementation and execution of automated and functional tests for customers in the Betting, Banking and Automotive sectors
 - Implementation of automated tests on web portals using Groovy, Java, Junit, Postman, Selenium, SoapUI, TestNG
 - POC implementations using various frameworks including Appium, Maven, OpenNLP, Silk4J, TestProject
- Apr 2017 – **Software Tester**, PRASSEL, Rome.
Oct 2018
 - Analysis, design, implementation and execution of functional tests for different platforms, such as WEB portals, mobile applications, bodycam and desktop
 - Involved in dozens of projects for as many national and international clients
- Jul 2015 – **Software Developer - Data Warehouse Analyst**, GECOIT, Rome.
Mar 2017
 - As a software developer, I designed and implemented an entire module in C# (within the company CMS) for managing exceptions, extracting low-level informations useful for analyzing application problems
 - As a Data Warehouse Analyst I worked on the porting of an insurance portfolio and the creation of documentations for IVASS using the tools offered by the Pentaho Suite.

Education

- Sep 2012 – **Master's degree in Computer Science**, University of Rome "La Sapienza", Rome,
Jan 2021 *Graduation grade - Summa cum laude.*
Degree thesis: "Design and development of a Behavioural Token on the Ethereum blockchain platform". I utilized the following frameworks and platforms: Ganache, OpenZeppelin, Python Flask, SoapUI, Solidity, Truffle

- Jan 2013 – **Winner of Erasmus scholarship**, University of Leicester, United Kingdom.
Jun 2013 Passed the following exams with maximum grade: "Cryptography and Internet Security", "Distributed Systems and Applications" and "Functional Programming".
Sep 2006 – **Bachelor's degree in Computer Science**, University of Rome "La Sapienza", Rome,
Jul 2012 Graduation grade - 98/110.
Degree thesis: "Signwriting Glyph Recognition: preliminary experiments. The thesis project was based on C++ and OpenCV for the implementation of ML models for Glyphs recognition"

Certifications and online courses

- Aug 2022 **Interchain Developer Academy** – B9lab
Sep 2021 - **Python Basic - Problem Solving Basic - Java Basic - Golang Basic** – HACKER-
Nov 2022 RANK
Jul 2020 **Blockchain Essentials V2** – IBM
Mar 2019 – **Cybersecurity Essentials - Introduction to IoT** – Cisco Networking Academy
Jul 2020
Jan 2019 **Scrum Fundamentals** – Scrum Study - Cert. N° 678180
May 2018 **Certified Tester Foundation Level** – ISTQB - CERT. N° CTIT-18_3437

IT skills

I enjoy working in contexts where is possible to experiment on new technologies and move between them, studying new solutions and create if possible new patents. Thanks to my studies and work experiences I programmed in different languages on backend side, giving me the ability to switch and study quickly new programming languages. In all my career I programmed with C, C++, C#, Groovy, Haskell, Java, Python, Solidity (Ethereum) and Visual Basic.

Relational skills

Respect for others and dialogue are the cores of my work. I have a strong emotional intelligence that simplifies communication and cooperation with others, facilitating the achievement of project results. Through the different experiences I have acquired an excellent work organization and coordination within various work groups.

Languages

- Italian **Mother tongue**
English **Professional working proficiency**

Interests

- Swimming
- Drawing

Ai sensi del Dlgs 196/03, autorizzo espressamente l'utilizzo dei miei dati personali e professionali riportati nel curriculum.