

Curriculum Vitae

PERSONAL INFORMATION

Giovanni De Maio

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WORK EXPERIENCE

01.2025 – 10.2025

Internships

SDET Internships

- Development and implementation of automated end-to-end regression tests with Selenium and Java for e-commerce web platforms:
- AllOverCommerce.com
- Medunna.com
- GetLandEstate.com
- Reduced manual regression testing time by 60% through reusable automation components
- Integrated automated tests into Jenkins for nightly builds and smoke tests
- Implementation of reporting and error tracking features (Allure, ExtentReports, HTML Reports) to improve the traceability of test results.
- Collaboration with Product Owners to define testable acceptance criteria (BDD with Cucumber).

Technology used: Java 22 - IntelliJ – Playwright - XML - GitHub – Jira – Postman – Appium – PostgreSQL – Selenium WebDriver 4 – Docker – Jenkins – Microservices – Jmeter – Cypress - RestAssured

04.2023 – 08.2023

Java software developer at Airbus Space and Defence GmbH - [Link](#)

- Software development of tools for data processing

Technology used: Java 8 – Eclipse – GitLab - Notepad++- XML – Confluence - Jira

Business or sector: Military defence

03.2022 – 12.2022

Internships

- IT schooling for elders
- Photo and video editing
- IT technical support
- Logos design and creation

09.2018 – 09.2019

Test Manager and Senior Agile Tester at B-Next Engineering GmbH - [Link](#)

Through Ferchau Engineering GmbH, Bielefeld Germany

- Definition of test strategies in cooperation with an agile development team
 - Conversion of the business requirements in test concepts and test suites
 - Review of the software design specifications
 - Log analysis
 - Improvement of the software requirements in collaboration with the business analysts
 - Risk analysis
 - Setup and configuration of the test environment
 - Test plan and coordination of the testing team
 - Creation and execution of test cases based on the software design specifications
 - Troubleshooting and problem solving in collaboration with the development team
 - Review and documentation of the test results
 - Creation and coordination of issues in Jira
 - Improvement of the test process
 - Creation of test builds in Continuous Integration with Jenkins and Deployment in Tomcat
- Technology used:** Tarantula - Jira – Oracle SQL Developer – Confluence – Tomcat – Jenkins – Linux – Putty – Microsoft Office

Business or sector Finance

06.2017 – 08.2018

Software tester and script developer at Miele & Cie. KG - [Link](#)

Through Ferchau Engineering GmbH, Bielefeld Germany

- Development of scripts and tools for the work optimization
- Functional Testing of hardware and software components
- Creation and execution of test cases, technical documentation
- Review of Software Design Specifications
- 2nd and 3rd Level Support of software for hardware diagnosis
- Functional Testing, Regression Testing, UI Testing and System Testing of software for hardware diagnostics

Technology used: AutoIT – Notepad++ - Microsoft Office Suite – SciTE – Microsoft SQL Server 2008 – XML - VBS – Remedy – Eclipse – Java – JSON – Postman – Wireshark – SSL/TLS - Powershell

Business or sector Home Appliances Production

05.2016 – 05.2017

Test Manager and Senior Agile Tester at Arvato Systems – [Link](#)

Through Ferchau Engineering GmbH, Köln, Germany

- Agile testing in the R&D Software Department, responsible for the development and verification of Video Production Management System.
- Design specification review
- Creation of test cases during the different iterations of the development phase, in cooperation with the developers of the Scrum team
- Review test cases created from design specifications
- Test planning
- Ticket coordination
- Technical documentation writing
- Test cases execution during integration and system testing
- Logs analysis
- Test environment preparation

Technology used: Microsoft Team Foundation Server – Microsoft Test Manager - Microsoft Office suite – Microsoft Visual Studio – Microsoft SQL Server – Microsoft SQL Server Management Studio XML — SVN – Microsoft Sharepoint – VMware – Notepad++ - TestComplete – SoapUI – Fiddler

Business or sector Broadcast and TV

03.2015 – 02.2016

Senior Agile Tester at Qiagen - [Link](#)

Through Brunel GmbH, Franz-Rennfeld-Weg 4, Düsseldorf, Germany

- Agile testing in the R&D Software Department, responsible for the development and verification of automated systems and software products in the area of molecular sample and assay technologies.
- Design specification review
- Creation of test cases during the different iterations of the development phase, in cooperation with the developers of the Scrum team
- Review test cases created from design specifications
- Test planning
- Ticket coordination
- Technical documentation writing
- Functional Testing, Regression Testing, UI Testing and Exploratory Testing
- Database Testing
- Localization Testing
- Test cases execution during system testing
- Logs analysis
- Test environment preparation

Technology used: Continuous Integration - JIRA - Microsoft Office suite – Visual Studio – SQL Server – SQL Server Management Studio - XML – Polarion – SVN – Bamboo – Confluence – FastStone Capture – Notepad++

Business or sector Bioinformatics and Healthcare

04.2014 – 11.2014

Senior Agile Tester and QA technical leader at Vodafone Global Group

Through Reply GmbH, Hansaallee 201, Düsseldorf, Germany

- Management of the certification process for 13 different services (Cloud, Music, Discover, Pre-Embedding, Updates, Contacts, VFLive!, MMS, Wallet, Protect, Landing Page, Message+, Setup Wizard) in Jira system, coordinating the tasks assignment on 9 teams (DIT, Discover, D&O back end, Updates, Pre-Embedding applications, Landing Page, Contacts, Cloud, Wallet)
- Mobile testing on iOS, Android, Windows and BlackBerry devices
- Functional testing, Static Analysis and regression testing
- Attending pre-production scope meetings, regular reviews, conference calls and scrum meetings
- Creating basic scripts to run automated tests with Selenium WebDriver and Java in Eclipse
- Provided high quality support on "Updates" (Vodafone Android application Market on mobile), ticket coordination and SLA tracking of all the activities, Service Requests and Change Requests.
- Service Integration Management of Vodafone Wallet, service developed with Visa, that use a special SIM card with embedded NFC technology and that can be used to make contactless payments with retailers.
- Management of communications with Vodafone Global audience and Content Providers (13 countries, UK, Germany, Portugal, Italy, Spain, Ireland, Greece, Netherlands, South Africa, Albania, Czech Republic, Hungary, Romania), addressing of all internal and external incoming requests
- Management of Team BAU activities: Terminal Readiness for device certification; Administration of all incoming requests to the team; team meeting reporting, activity tracker
- Workflow administration and supervisory of the on-going activities
- Technical test management, reviewing the test results from QA team
- Process optimization, creating online tool for integration requests and new templates for reporting

Technology used: Remedy - JIRA - Microsoft Office – Android SDK – Java – Selenium WebDriver – Eclipse – Jenkins

Business or sector Telecommunications

04.2011 – 04.2014

Senior Agile Tester and QA technical lead at Vodafone Global Group

Through Reply GmbH, Hansaallee 201, Düsseldorf, Germany

- Ticket coordination and SLA tracking.
- Creating xml configuration file for each device for the MMS service and for Vodafone Live portal through functional and performance tests and by checking devices capabilities.
- Creating test cases and organizing the test planning for MMS Transcoder profiling.
- Mobile testing on iOS, Android, Windows and BlackBerry devices
- Functional testing, Static Analysis and regression testing
- Attending pre-production scope meetings, regular reviews, conference calls and scrum meetings
- Creating basic scripts to run automated tests with Selenium WebDriver and Java in Eclipse
- Organizing and setting up the test equipment (archiving the device on an online repository and verifying that the firmware is updated.)
- Organizing and updating the project documentation on a Wiki based repository on Sharepoint.
- Web development (customizing the CSS structure of the Vodafone Live portal for each device).
- Responsible for Vodafone CMS, managing the content for AppSelect, the Vodafone Android Market.
- Testing and configuring the Vodafone group application Discover via the web interface BluePrint.
- Development of “Devicepedia”, an Android application which retrieves the system information related to a such device, like RAM info, CPU info, supported audio-video codecs, and so on.
- Training the new members in the team and getting them productive quickly.

Technology used: Microsoft Sharepoint - XML - Remedy - JIRA -Quality Center - Microsoft Office - Android - J2ME - Symbian-RIM-Windows Mobile-Windows Mango-iOS-Bada-Eclipse-MMS Transcoder-CSS – Selenium WebDriver – Java – Jenkins - Cucumber

Business or sector Telecommunications

01.2011 – 04.2011

Agile Software Tester at Vodafone Germany

Through Reply GmbH, Hansaallee 201, Düsseldorf, Germany

- Agile development environment
- Testing of 1000 mobile applications in Info, Entertainment, Utilities and Fun on Android and J2ME platforms for consumer markets
- Preparation of test cases and execution & reporting.
- Mobile testing on iOS, Android, Windows and BlackBerry devices
- Functional testing, Static Analysis and regression testing
- Attending pre-production scope meetings, regular reviews, conference calls and scrum meetings
- Testing software to identify and resolve problems from a end users perspective.
- Liaising with developers and programmers to swiftly resolve faults.

Technology used: JIRA - Microsoft Office - Android - J2ME – Symbian- RIM- Windows Mobile - Windows Mango – iOS – Bada – Eclipse –

Business or sector Telecommunications

06.2010 – 12.2010

Software Tester at Vodafone Global Group [Link](#)

Through Reply LTD, Hansaallee 201, Düsseldorf, Germany

- Waterfall software development environment, testing for Vodafone and MTS Russia (at the time, part of Vodafone Group)
- Creating detailed test cases based on wireframes, specifications and user stories; creating daily reports
- Testing Vodafone apps and gadgets
- Testing mobile websites including MyWeb, 360, WebShop, Vodafone Life
- Detect and tracking defects in HP Quality Center and CollabNet TeamForge and liaising with software developers
- Creating basic scripts to run automated tests with Selenium Webdriver and Java in Eclipse
- Setting up APN within a wide range of phone brands and models including Apple, Samsung, Nokia, LG, BlackBerry, HTC, Sony Ericsson, Huawei, Siemens
- Gaining knowledge and experience across a wide range of mobile operating systems including iOS, Android, Symbian, Windows, RIM BlackBerry, Bada
- Gaining knowledge and experience across a wide range of mobile browsers including Safari, Obigo, Opera, Android, NetFront, Series 60, BlackBerry, InternetExplorer
- Whitelisting MSISDN in order to access the different environments needed for testing

Technology used: JIRA - Quality Center - Microsoft Office – Android - J2ME – Symbian- RIM- Windows Mobile - Windows Mango – iOS – Bada – Eclipse – Java – Selenium Webdriver

Business or sector Telecommunications

05.2010 – 06.2010

IT Helpdesk II level

Policlinico, Milano, Italy

- Diagnosing, troubleshooting and resolving client issues with hardware maintenance, installations and upgrades
- PC and Client/Server tech support
- Working within a TCP/IP network environment, including DHCP, DNS and ethernet

Business or sector Information Technology

07.2009 – 04.2010

IT Helpdesk II level at Fastweb

Visiant, Milano, Italy

- Diagnosing, troubleshooting and resolving client issues with hardware maintenance, installations and upgrades
- DSL and Fiber Optic network analysis and technical support
- Risk Management

Business or sector Information Technology

EDUCATION AND TRAINING

January 2025 – October 2025

SDET AZAV

September 2024

CompTIA A+

March – April 2024

Cybersecurity – Network Security

StationX

March 2021

Python Development

M1M0

March 2021

Javascript Development

M1M0

March 2021

Web Development

M1M0

April 2020

Test Driven Development in Java

Udemy

June 2016

Quality Assurance in Software Development

Able Group, Cologne, Germany

February 2016 – February 2016

Java Certification

SoloLearn Inc, CA, USA

December.2014 – March.2015

German Language Certification – Level B2

VHS, Düsseldorf, Germany

December.2011

ISTQB – CTFL

Cert-IT, Wuppertal, Germany

- Fundamentals of software testing
- Static Analysis and Review
- White-Box and Black-Box Testing
- Test Management
- Testing tools

June.2011

Problem solving and decision making

Live Reply,Düsseldorf, Germany

- Find the cause of challenging problems using a fact-driven approach
- Identify and plan for the resolution of high-priority issues
- Make complex decisions aligned with strategic and operational priorities
- Understand and manage risks proactively while executing strategic initiatives effectively

01.Nov.2008 – 15.Dec.2008

PL/SQL Development

Sear Informatica,Naples, Italy

- Oracle 9 – Toad for Windows – PL/SQL

July.2007

J2EE Development

Intelliform,Naples, Italy

- Eclipse - Java Beans – J2EE – Java SDK – JSP – MySQL – Sun Java System Application Server

October.2000 – July.2003

Bachelor in Computer Science

University of Salerno, Salerno, Italy

- Fundamentals of Programming
- Programming Languages
- Math Analysis
- Algorithms and Data Structure
- Operating System
- Hardware Architecture
- Database programming
- Software engineering

*50% of the career completed, interrupted because of case of force majeure

September.2000

Visual C++ Development

Nova srl, Salerno, Italy

- Microsoft Visual C++ - Microsoft SQL Server

May.2000 - July.2000

Java Development

Medialine srl., Salerno, Italy

- Java – Microsoft Access 2000 – Java AWT – IBM Visual Age - JDK

Oct.1999 – June.2000

Web Development

EDP key srl., Salerno, Italy

- Fundamentals of Programming – C – Visual Basic – HTML – ASP – Javascript – Visual Basic Script- Microsoft Access

Feb.2000 – July.2000

English language course

September.1993 – July.1998

High school Diploma

Liceo Scientifico Statale "N.Sensale",Nocera Inferiore, Salerno, Italy

PERSONAL SKILLS

Mother tongue Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Portuguese	C1	C1	C1	C1	C1
Spanish	C1	C1	C1	C1	C1
German	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Common European Framework of Reference for Languages

Communication skills

- good communication and innate aptitude to the listening, dialog and confront skills.
- Very good sensibility acquired with experiences in voluntary work with people with terminal illness.
- Good ability to adapt to the teamwork due to years practicing Karate.
- Good ability to adapt to multicultural environment acquired during my current experience in Vodafone, working in a multinational team.

Organisational / managerial skills

- Leadership
- Ability to work under stressful situation, acquired with the experiences in voluntary work with people with terminal illness
- Strong determination and analysis skills in order to find out and solve quickly problems whether from organisational side or technical side, acquired with a ten year experience in IT support and development.

Job related skills

- Advanced command of quality control processes

Technical Skills**Test methodologies**

Agile Testing
 Exploratory Testing
 API Testing
 Functional Testing
 Performance Testing
 Localization Testing
 System Testing
 Unit Testing
 Capabilities Testing
 UI Testing
 Regression Testing
 White Box Testing
 Black Box Testing
 Test Automation
 KI Testing
 BDD/TDD
 KI Testing



Other testing skills

Test Management
Test Design
Incident Management
Test Execution
Log Analysis
Kanban
Scrum

**Test Management Tools**

HP Quality Center
Tarantula
Polarion
Remedy
Jira
Microsoft Test Manager

**Testing Tools**

Eclipse
IntelliJ
Visual Studio
Jenkins
Bamboo
SoapUI
Postman

**Test Automation Tools//Frameworks**

Selenium WebDriver
Playwright
Appium
Cypress
XRay
JMeter
Cucumber
JUnit
TestNG

**CI/CD Tools**

Jenkins
GITLab CI
GitHub Actions

**Containierization**

Docker
Kubernetes

**Operating Systems**

Windows Server 2003, 2008
MS-DOS
MS-Windows 7, 8 10,11
Linux



Programming Languages

HTML	◆◆◆◆◆
Java	◆◆◆◆◆
Rest Assured	◆◆◆◆◆
CSS	◆◆◆◆◆
XML	◆◆◆◆◆
SQL	◆◆◆◆◆
Gherkin	◆◆◆◆◆
Java Lambda	◆◆◆◆◆
JSON	◆◆◆◆◆
Python	◆◆◆◆◆
Javascript/Typescript	◆◆◆◆◆

DBMS

Oracle	◆◆◆◆◆
MS-Access	◆◆◆◆◆
Microsoft SQL-Server	◆◆◆◆◆
Oracle SQL Developer	◆◆◆◆◆
PostgreSQL	◆◆◆◆◆

Versioning

GIT	◆◆◆◆◆
GITHub	◆◆◆◆◆
SVN	◆◆◆◆◆
CVS	◆◆◆◆◆

Other IT Skills

TCP/ IP, HTTP	◆◆◆◆◆
AWS	◆◆◆◆◆
Microservices	◆◆◆◆◆
CMS	◆◆◆◆◆
Continuous Integration	◆◆◆◆◆
Restful APIs	◆◆◆◆◆
MS-Office	◆◆◆◆◆
Remote Support	◆◆◆◆◆
TeamViewer	◆◆◆◆◆
Virtualization	◆◆◆◆◆
Microsoft VirtualPC	◆◆◆◆◆
VirtualBox	◆◆◆◆◆
VMWare	◆◆◆◆◆
Wireshark	◆◆◆◆◆

Legend:

- ◆ = Basic Knowledge
- ◆◆ = Good Knowledge
- ◆◆◆ = Very Good Knowledge
- ◆◆◆◆ = Expert