



**DONATO DI PIERRO**  
ENGINEER



📍 Via Vittorio Veneto, 27 - 76125 Trani (BT)  
☎️ +39 340 66 74 74 1  
✉️ [donato@dipierro.it](mailto:donato@dipierro.it)  
🌐 [www.dipierro.it](http://www.dipierro.it)  
💬 Skype donatodp80

Gender Male | Date of birth 12-feb-1980 | Nationality Italian

## WORK EXPERIENCES

03/05/2021 – today

### Quality Assurance Professional

CompuGroup Medical Italia S.p.A., Via Adriano Olivetti, 10 – 70056 Molfetta (BA) – [www.cgm.com](http://www.cgm.com)

- NAIS – Designing, writing and maintenance of the automated tests following the test pyramid, typical of the Agile methodology.

**Activities** Automated tests definition to validate both API and UI approaching with Black Box methodology.

**Used tools** **Postman** for the API testing and **Git** to implement the Continuous Integration / Continuous Delivery; **Nightwatch**, a framework based on Javascript in conjunction with Selenium webdriver, to implement the UI tests obtaining also here the integration with Git for the CI/CD. Development environment **IntelliJ**.

16/04/2019 – 30/04/2021

### Line Manager Software Test IoT

Sitael S.p.A., Via San Sabino, 21 – 70042 Mola di Bari (BA) – [www.sitael.com](http://www.sitael.com)

- E-Mobility – Analysis, definition of test strategy, estimation, support for design and support for execution of software tests.
- Transportation – Analysis, definition of test strategy, estimation, support for design and support for execution of software tests.
- Vending – Analysis, definition of test strategy, estimation, support for design and support for execution of software tests.

**Activities** Planning, monitoring and controlling of the software test activities, starting from the analysis going to support for the resources assigned to the different projects. Introduction and management of the test automation activities over FrontEnd applications, BackEnd (restAPI services and DB) and firmware on board.

**Used tools** **Microsoft Teams**; **Trello**; **Microsoft Excel**. **TestLink** as an administrator mainly used to monitor test activities. **Redmine** as an administrator to monitor the bug life cycle and derive some performance metrics.

26/07/2018 – 15/04/2019 **Software Test Developer IoT**

Sitael S.p.A., Via San Sabino, 21 – 70042 Mola di Bari (BA) – [www.sitael.com](http://www.sitael.com)

- E-Mobility – Analysis, estimation, design and execution of software tests.
- Transportation – Analysis, estimation, design and execution of software tests.

**Activities** Automated and manual tests over a V-Model sw lifecycle. Development of tools using Python to realize interface interactions with electronic devices. Main scope is to sniff and decode all the data packets that come from and go to the electronic devices and other external systems. Daily use of test management tools and extensive use of Excel to manage estimations regarding all the testing activities referred to each project, and to manage daily reports.

**Used tools** Tools to test interface communications on the electronic devices, with development done using **Python** and **LiClipse**; **Microsoft Excel**; **MySQL Workbench**; **phpMyAdmin** and **TestLink** for writing / executing and exporting reports for the documentation needed. **Redmine** for the bug life cycle management. **SoapUI** to write tests of http/REST services, **Jenkins** for the automated execution of tests and build management to realize a continuous integration approach.

24/03/2014 – 13/07/2018 **Quality Assurance Engineer**

Objectway Financial Software S.p.A., Via Amendola 168/5 – 70126 Bari – [www.objectway.com](http://www.objectway.com)

- eXimius® (Objectway S.p.A.) – Quality Assurance Activity. Analysis, design and implementation of automated tests. Design, write and execute manual regression scenarios for financial software, review of the analysis documentation related to the software product.

**Activities** Quality Assurance on eXimius®, financial software, using AGILE Scrum methodology. Daily use of automated testing tools, intensive use of MS SQL Server 2012, Excel for designing and writing of the automated regression testing scenarios. GUI testing execution, business testing, data supplier testing, integration testing. Continuous research for the improvement of the quality related to the software production process. Optimization of QA – Product Owner – Developers interactions.

**Used tools** Internal tools for writing / executing / validating of automated testing; **Microsoft Excel**; **Microsoft SQL Server**. **MS Visual Studio TFS** for the task management in according with AGILE SCRUM methodology, automated test writing for the GUI using typescript.

07/01/2014 – 21/03/2014 **Quality Assurance Engineer**

Objectway Financial Software S.p.A., Zandvoortstraat C45 – 2800 Mechelen (Antwerpen area, Belgium) – [www.objectway.com](http://www.objectway.com)

- eXimius® (Objectway S.p.A.) – Quality Assurance Activity. Analysis, design and implementation of automated regression testing. Manual regression testing, review of the software product documentation

**Activities** Quality Assurance on eXimius®, financial software, using AGILE Scrum methodology.

**Used tools** Internal tools for writing / executing / validating of automated testing; **Microsoft Excel**; **Microsoft SQL Server**.

09/10/2012 – 20-12-2013 **Test Engineer**

DS Group S.p.A., Via Pompeo Mariani, 4 – 20128 Milano (MI) – [www.dsgroup.it](http://www.dsgroup.it)

Testing activities and second level support for the following projects:

- Sales Force Automation for Avantgarde (Sigma-Tau S.p.A.group)
- Migration of Mobile Work Force (NTV S.p.A.) to a new platform
- Mobile Work Force (NTV S.p.A.)
- Sales Force Automation (Cellularline S.p.A.)
- Advanced Sales System (San Pellegrino S.p.A.)

**Activities** Planning, designing, writing and executing test cases starting from the analysis documentation on requirements and functional specifications. Bug managing and tracking for the devices with iOS, Android, Windows Mobile OS and Web Applications using Mantis; use of TestLink for writing testbooks and tracking the different testbooks' execution. Writing daily and weekly reports about progress on test cases execution. Writing User's Manual.

Quality Assurance: identification of the critical stages in the product software lifecycle, studying the solution proposal and verification of employees' work in accordance with the company's CEO.

**Used tools** **TestLink** for writing and managing of executions of manual regression tests; **Mantis Bug Tracker** for writing and managing of the issues found during test's execution; **ADB** to debug issues on Android applications; **iphoneConfigurationUtility** to debug issues on iOS applications.

07/05/2012 – 08/10/2012

### Stage test area

DS Group S.p.A., Via Pompeo Mariani, 4 – 20128 Milano (MI) – [www.dsgroup.it](http://www.dsgroup.it)

**Activities** Training for learning methodologies and testing procedures to ensure the correct quality standards of the software. Training on the job: writing test cases for Web applications and applications in mobile platforms Android and iOS; memory allocation test, functional regression tests, usability tests, crash tests; extraction and analysis of system logs from mobile devices.

09/2011 – 11/2011

### Contingent occasional collaboration

Ing. Oreste Di Pierro – Via Andrea Ciardi, 20 – 76125 Trani (BT)

**Activities** Collaboration with the Technical Consultant for the Courth - Making photographic and metric surveys with manufacturing of photos on digital media.

## EDUCATION

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07/2021

### ISTQB® - CTAL-TA

International Software Testing Qualification Board, exam done in Live Remote Proctoring mode on 31th of July, 2021. Certificate number: CTIT-21-16253

02/2016

### ISTQB® - CTFL

International Software Testing Qualification Board, exam done in Rome on 19th of February, 2016. Certificate number: 16\_1978

05/2014

### Enrollment to the "Ordine degli Ingegneri della Provincia di Barletta – Andria – Trani"

Register number: 1203. "A" Section – Senior Engineer -, "C" Sector (Information and Communication Technology)

11/2013

### Enabling the free profession of ENGINEER

Politecnico di Bari – Via Amendola, 126/B – 70126 Bari

- Enabled by law to: Planning, design, development, construction management, estimating, testing and management of electronic equipment and systems, and automation of generation, transmission and processing of information

10/1999 – 12/2011

### Master's Degree in Information Technology Engineering – Systems and Computer Applications

Politecnico di Bari – Via Amendola, 126/B – 70126 Bari

- Dissertation in Systems for the Computer Aided Design, titled "Computer Vision: Towards an automatic recognition of communicative gestures." I developed a software system using C++ in conjunction with the open-source library OpenCV, MS Visual Studio® 2010 and Matlab environment, for automatic identification of rhythmic gestures made by the hands of a party placed in front of a camera.

09/1994 – 07/1999 **Science High School**

Liceo Scientifico Statale "Valdemaro Vecchi" – Trani

- Math, physics, information technology, latin, italian, english

12/05/1999 **"Spoken English for Speakers of Other Languages" - Certification**

Trinity College of London

- English – Grade 7 with Distinction – Score: 94/100

**PERSONAL SKILLS**

**Mother language** Italian

**Other languages**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
Certification: "Spoken English for Speakers of Other Languages". Grade 7 with Distinction					

Levels: A1/2 Base level - B1/2 Intermediate level - C1/2 Advanced level  
Common European Framework of Reference for Language

**Communication skills** I have excellent communication skills acquired during my teaching experience and continuously trained thanks to the testing sessions conducted at the customer.

**Organizational and management skills** I can quickly integrate in the team, and I'm able to guide it to achieve goals within the estimated time, obtaining a superior quality. The growth of the team I guide is, according to me, the major aspect that needs attention. I continuously promote the communication and collaboration between colleagues to work better and better, both intra and extra team.

**Professional skills** Excellent knowledge of processes to improve quality control

**Information Technologies skills**

- Analisis, planning and writing software tests
- Planning automated tests for the software
- Use office automation tools
- Black-box analysis
- White-box analysis
- Gray-box analysis
- Programming languages



## SOFTWARE / TOOLS USED FOR THE SOFTWARE TESTING ACTIVITY

- **Microsoft Visual Studio TFS / Atlassian Jira** – management of the story boards, task lifecycle management, issues lifecycle management, writing of automated tests for the GUI using typescript, Jasmine and Node.js to interact with ASP.NET and Angular JS)
- **IntelliJ** for writing of the UI automated tests using **Nightwatch JS**
- **TestLink** for writing and managing regression tests
- **Mantis Bug Tracker, Redmine** (admin level) and **Atlassian Jira** for managing issues from creation to resolution and validation
- **Microsoft SQL Server, phpMyAdmin, MySQL Workbench** to interact with the database (CRUD)
- **Microsoft Excel, SoapUI** and **Postman** for the writing of automated tests to be applied on the backend

### Other skills

- Re-engineering of production processes: bottlenecks' identification and analysis, study of the solution for reducing them in the event that it is not possible to implement a complete elimination.
- Writing texts: I wrote and published a book about Judo: 'Judo Tecnico: Un percorso formativo dalla pratica all'insegnamento' (1st edition 2009, 2nd edition 2019).
- Electric system installation: during the period of university studies, I worked as electrician for about 4 years in a company for building renovation.
- Teaching: skill from sport. I'm an official FIJLKAM Judo trainer and I taught judo in black-belt regional courses

### Driving license

Car (B category), Motorcycle without any limitation (A category)

## OTHER INFORMATIONS

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In the ranking list for the competition to the PhD in Electrical and Information Technology Engineering, XXVII cycle, from the Politecnico di Bari (year 2012)

I am amateur radio operator having the license issued by the Ministry of Communications – Italy.

I developed and published on Google Play Store, the following applications for Android Systems

- **Judo Tecnico Lite** (published on 28th February, 2015)  
<https://play.google.com/store/apps/details?id=it.dipierro.judotecnicolite>
- **Prime** (published on 20th October, 2013)  
<https://play.google.com/store/apps/details?id=it.dipierro.prime>

### Personal informations

I authorize the use of my personal data in accordance with the Legislative Decree 30th June, 2003, n.196 (italian law) – “Codice in materia di protezione dei dati personali” and in accordance with the GDPR (UE Regulation 2016/679).