

# Murilo da Silva Ferreira

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## Profile

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Mechanical Engineer with over 5 years of experience and 4 years developing new skills in software testing and QAE area. I finished a post graduation in Software Testing with focus in mobile and studying Computer Engineering, where I develop scripts, requirements analysis, test tools and manual and automated tests.

## Education

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### Federal University of Vale do São Francisco

*Bachelor Degree in Mechanical Enginnering*  
*Bachelor Degree in Computer Enginnering*

**Juazeiro, Brazil**

*2005 – 2013*  
*2018 – in progress*

### Federal University of Pernambuco

*Post Graduation in Maintenance Management (Lato Sensu)*  
*Post Graduation in Software Engineering – Software Test (Lato Sensu)*

**Recife, Brazil**

*2016 – 2017*  
*2020 – 2021*

## Work Experience

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### Bosch Security Systems

*Quality Engineer*

**Ovar, Portugal**

*January 2024 – Current moment*

Creation and execution of tests (manual, automated, smoke, regressive, exploratory, acceptance, among others) and reporting of results. Support development teams (desktop, backend and web), reporting results, collecting information, developing tasks and reporting bugs. Review of requirements, specifications and design documents to understand the test scope. Create detailed, comprehensive, and well-structured test plans and test cases using BDD on Stackflow. Execution and reporting of manual and automated test results with C#. Support other teams, report results, collect information to support developers, prepare tasks and report bugs on Azure Devops. Execution and reporting of manual and automated tests with C#, Nunit and Playwright. Keep up to date with new testing tools and testing strategies. Report and track bugs in the SW development teams/Desktop, Web and Backend). Support in creating System Test documentation.

### Wunderman Thompson Apps

*Quality Engineer*

**Lisbon, Portugal**

*August 2022 – November 2023*

Creation and execution of tests (manual, automated, smoke, regressive, exploratory, acceptance, among others) and reporting of results. Support development teams (mobile, backend and web), reporting results, collecting information, developing tasks and reporting bugs. Kanban Update. Review of requirements, specifications and design documents to understand the test scope. Create detailed, comprehensive, and well-structured test plans and test cases using BDD on TestRail. Execution and reporting of manual and automated test results with Java. Support other teams, report results, collect information to support developers, prepare tasks and report bugs on Jira. Execution and reporting of manual and automated tests with Java, Junit and TestNG. Keep up to date with new testing tools and testing strategies. Support in the creation of scenarios, execution of automated tests and approval with users. Report and track bugs in the SW development teams(Android, iOS, Web and Backend). DB tests with DBeaver. API tests with Postman, Proxyman and Charles. Support in creating System Test documentation. Support in creating System Test documentation.

**Zup Innovation**  
QA Automation

**Uberlândia, Brazil**  
June 2021 – August 2022

Creation and execution of tests (manual, automated, regressive, exploratory, acceptance, among others) and reporting of results. Support development teams (mobile, backend, web and UX/UI), reporting results, collecting information, developing tasks and reporting bugs. Kanban Update. Review of requirements, specifications and design documents to understand the test scope. Create detailed, comprehensive, and well-structured test plans and test cases using BDD. Support/mentoring to new employees in teams and improvements to current teams. Execution and reporting of manual test results. Apply testing processes for new and existing products to meet customer needs. Tracking quality assurance metrics such as number of defects and escaped defects. Support other teams, report results, collect information to support developers, prepare tasks and report bugs on Jira. Execution and reporting of manual and automated tests with Robot Framework. Performing full regression testing when bugs are fixed. Understanding and implementing deployment of new test types. Keep up to date with new testing tools and testing strategies. Support in the creation of scenarios, execution of automated tests and approval with users. Report and track bugs in the SW development teams(Android, iOS, Web and Backend). API tests with Postman and automated tests with Htparty. Support in creating System Test documentation.

**Cin/Motorola**  
*Test Engineer*

**Recife, Brazil**  
March 2021 – June 2021

Worked creating and executing tests (manual, automated, exploratory, performance, among others) and reporting of results. Support other teams, report results, check product KPIs, collect information to support developers, prepare tasks, create CR and report bugs on jira. Kanban Update. Review of requirements, specifications and design documents to understand the test scope. Create detailed, comprehensive, and well-structured test plans and test cases. Support/mentoring to new collaborators in teams. Execution and reporting of manual test results. Performing full regression testing when bugs are fixed. Apply testing processes for new and existing products to meet customer needs. Tracking quality assurance metrics, such as number of defects and escaped defects. Understanding and implementing deployment of new test types. Keep up to date with new testing tools and testing strategies. Support in the creation of scenarios, execution of automated tests in an Appium based framework with Python scripts and approval with users. Report and track bugs in the SW development team, including capturing logs and the like. Support in creating System Test documentation.

**Cin/Motorola**  
*Internal Resident*

**Recife, Brazil**  
March 2020 – March 2021

Execution of tests (manuals, exploratory and performance) and automated scripts performed in mobile applications. Support other teams, report results, check product KPIs, collect information to support developers, develop tasks, create CR and report bugs. Kanban Update.

**IBACEM Agrícola**  
*Maintenance Coordinator*

**Petrolina, Brazil**  
July 2018 – November 2018

Worked as a responsible for planning, controlling, supervising and monitoring maintenance. KPI Analysis, Kanban and management reports. Equipment Maintenance Plan.

**Elis Group**  
*Maintenance Supervisor*

**Brasília, Brazil**  
November 2017 – May 2018

Worked as a responsible for Management, Planning, Control, Supervision and Monitoring of maintenance. Analysis of Indicators, FMEA, KPIs, cost control, material purchases, Kanban and management reports. Equipment Maintenance Plan. Interface with Customers for problem solving.

**Orguel Group**  
*Maintenance Coordinator*

**Recife, Brazil**  
November 2015 – May 2017

Worked as a responsible for Management, Planning, Control, Supervision and Monitoring of maintenance. Analysis of Indexes and Indicators, PDCA, KPIs, cost control, Kanban and management reports. Technical Reports and Equipment Maintenance Plan. Interface with Customers for problem solving.

**Engeman**  
*Technical Manager*

**Recife, Brazil**  
August 2014 – November 2015

Worked as a Maintenance Contract Management, Cost Management, KPI Management, Maintenance Team Supervision, Maintenance Planning and Control, IMS Monitoring.

**Niagro Nichirei**  
*Internal Trainee*

**Petrolina, Brazil**  
*October 2012 – August 2014*

Worked as a Supervisor of Maintenance and Utilities team, Planning and Control of Maintenance, Development of Improvement Projects, Implementation of ISO certification.

## **Skills**

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**Programming:** Python, Java, JavaScript, C#

**Mobile Testing:** Appium, Robot Framework, TestNG, UIAutomator, XCUITest

**Web Testing:** Selenium, Playwright, Robot Framework

**API Testing:** Htparty, Postman, Rest-Assured, Proxyman and Charles

**BDD:** Rspec, Behave, Cucumber, Stackflow

**Unit Testing:** Junit, pytest, Nunit

**Bug Tracking:** Jira, Azure Devops

**Web:** Django, React

**Version Control:** Git, Gitkraken, Bitbucket

**Quality Management Tools:** PDCA, MASP, Lean Six Sigma

**Gestão:** Agile, Scrum, Kanban, FMEA, RCM (MCC)

**Platforms:** TestComplete, Testrail, SAP, Totvs, Azure Devops

Microsoft Office and Project

## **Languages**

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**Portuguese:** Native Speaker

**English:** Advanced

**Spanish:** Intermediate

**Francês:** Basic