

Luzimeire Nascimento

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SUMMARY

Software Development Engineer in Test (SDET) with solid experience across the full software development lifecycle, with a strong focus on the design, development, and maintenance of scalable automated test frameworks for web, API, and mobile applications.

Strong background in test automation using Java, Python, and JavaScript, with hands-on experience in Selenium WebDriver, Cypress, Playwright, Robot Framework, JUnit, TestNG, Cucumber, and REST API testing. Experienced in manual, functional, non-functional, performance, and mobile testing (Appium), contributing to test strategy, CI/CD pipelines, and quality engineering practices.

Experience in data validation and data-driven testing using SQL and Python, with exposure to data platforms such as Databricks and Apache Spark. Certified in Apache Airflow, Databricks, Gremlin Chaos Engineering, and Professional Scrum Master (PSM I), with experience working in Agile environments.

ACS Skills Assessment approved for Software Engineer, Software Tester, and ICT Systems Test Engineer.

MBA in Data Engineering from the Federal University of Rio de Janeiro (UFRJ), recognised by ACS as equivalent to an AQF Master Degree in Information and Communication Technology.

TECHNICAL SKILLS

Test Automation: Playwright, Selenium WebDriver, Cypress, Robot Framework, REST Assured, Appium.

Programming Languages: Java, Python, JavaScript, SQL.

Testing: API Testing, Functional Testing, Regression Testing, Integration Testing, Exploratory Testing, Performance Testing, Mobile Testing.

Cloud & DevOps: AWS, Azure, Azure DevOps, CI/CD Pipelines, Git, Git Flow.

Tools: Postman, Jira, Xray, TestRail, Zephyr, SonarQube, Confluence, ALM.

Data Engineering: Databricks, Apache Airflow, Kafka, ETL Processes, Apache Spark.

Methodologies: Agile, Scrum, BDD, Test Planning, Quality Engineering, Design Thinking.

PROFESSIONAL EXPERIENCE

Software Development Engineer in Test (SDET)

Avanade, São Paulo, BR – Remote

Oct. 2023 – Present

Responsibilities:

- Design, develop, and maintain automated test frameworks for web and API-based applications using Java, JavaScript, and Python.
- Develop and maintain automated REST API tests using REST Assured, ensuring reliable backend validation and early defect detection.

- Build and execute functional and regression test automation for web applications using Selenium WebDriver, Cypress, Playwright, and Robot Framework.
- Implement unit and integration tests using JUnit, TestNG, Mockito, Jasmine, and Karma, fully integrated into CI/CD pipelines.
- Design and manage BDD scenarios using Cucumber, promoting shared understanding across business, development, and QA teams.
- Perform exploratory and regression manual testing to identify edge cases and improve overall test coverage.
- Conduct performance testing using Apache JMeter to assess system scalability and identify bottlenecks.
- Define and monitor test plans, test coverage, and quality metrics throughout the SDLC.
- Manage and execute test cases using Jira, Xray, TestRail, and Zephyr, ensuring full traceability between requirements and automated tests.
- Collaborate with cross-functional and distributed teams, actively participating in Agile ceremonies.
- Manage source code and branching strategies using Git and Git Flow.
- Work with cloud environments (AWS and Azure) and messaging/streaming platforms such as Kafka

Technologies: Java, Python, JavaScript, Selenium WebDriver, Playwright, Cypress, Robot Framework, REST Assured, JUnit, TestNG, Mockito, Cucumber, Git, AWS, Azure, Kafka, Jira, Xray, TestRail, Zephyr, JMeter, Postman, Insomnia, Azure DevOps.

Software Developer

NTT DATA, Uberlandia, BR – Remote

Mar. 2022 – Oct. 2023

Responsibilities:

- Developed front-end solutions using AngularJS.
- Managed source code and version control activities using Git.
- Executed relational database queries to support application development and maintenance.
- Analysed functional specifications to identify testing requirements.
- Designed test scenarios using Gherkin syntax to support automated testing initiatives.
- Prepared ALM tools for test execution, reporting, and quality tracking.
- Participated in Agile ceremonies and collaborated closely with development teams and stakeholders.
- Analysed source code using SonarQube to ensure compliance with coding standards and best practices.
- Supported software quality initiatives through functional testing and validation activities.

Technologies: AngularJS, HTML5, CSS3, Jasmine, Karma, Git, SQL, Cucumber, Java,

JUnit, Selenium, SonarQube, ALM, Azure DevOps, Zephyr, Jira, Appium, Microsoft Teams, Slack.

RESEARCH EXPERIENCE

Researcher | Intelligent System Automation Project

Ford Motor Company – Remote

Jan 2025 – Dec 2025

Responsibilities:

- Contributed to the development of an intelligent system designed to optimise internal operations and support strategic decision-making.
- Automated core system functionalities using Robot Framework and Python.
- Developed browser-based automation solutions using Playwright to support cross-platform execution.
- Collaborated with multidisciplinary teams to align technical implementation with business and research objectives.
- Managed source control activities using Git, including branch creation, updates, merges, and release support.

Technologies:

Robot Framework, Python, Playwright, Git, Agile, Remote Collaboration

EDUCATION

MBA in Data Engineering

Federal University of Rio de Janeiro (UFRJ), Brazil

Mar 2022 – Oct 2023

Bachelor of Engineering (Industrial)

UniFBV Wyden, Pernambuco, Brazil

2016 – 2021

CERTIFICATIONS

- Professional Scrum Master™ I (PSM I)
- Astronomer Certification for Apache Airflow
- Databricks Lakehouse Fundamentals
- Gremlin Certified Chaos Engineering Professional (GCCEPro)
- Airflow Fundamentals
- SI Association Certification.

LANGUAGES

- Portuguese: Native
- English: Professional Working Proficiency
- Italian: Fluent
- Spanish: Fluent