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I am an electrical engineer who has transitioned into the realm of software development, with three years of experience in software testing and agile development. During this time, I helped creating solutions tailored for internal use by quality assurance (QA) teams, serving clients such as Samsung Electronics and Motorola Mobility. Engaging across multiple stages of the software development lifecycle, I have become a versatile team player with emphasis on software quality assurance.

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| Experience | Software developer | Jun 2022 – Nov 2023 |
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Instituto de Desenvolvimento Tecnológico – INDT (Brazil)

Contributed to the development of an AI-based tool designed to generate code from text inputs. Primarily focused on ensuring quality throughout the project lifecycle while also undertaking diverse responsibilities. Key activities included implementing and executing functional and non-functional tests across multiple phases of the SDLC, conducting code reviews, and enhancing codebase through refactoring and implementing new features using Python. Additionally, performed data ETL and labeling. Was also responsible for automating, maintaining, and porting test scripts for Android applications.

Skills: Gerrit, Git, Jenkins, Jira, Linux, Python, Scrum.

Client: Motorola Mobility

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| | Software tester | Nov 2020 – Jun 2022 |
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Sidia Instituto de Ciência e Tecnologia (Brazil)

Responsible for conducting regression and exploratory testing on the user interface of mobile devices, including smartphones and tablets. Key activities included test planning, prioritization, and execution. Initially focused on manual testing of common first-party applications, subsequently transitioned to the camera quality team. Later, took charge of the test automation process, leading a team of two juniors and one intern. Responsibilities included automating tests, code review, and reporting results. Achieved significant efficiency gains, saving approximately two hours per day for manual testers through regression test automation.

Skills: black-box testing, exploratory testing, bug reporting and tracking.

Client: Samsung Electronics

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| Education | Specialization in AI for Software Test Engineering | 2022 – 2023 |
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Universidade Federal do Amazonas – UFAM (Brazil)

Postgraduate degree

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| | Bachelor's Degree in Electrical Engineering | 2015 – 2021 |
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Universidade do Estado do Amazonas – UEA (Brazil)

Teaching Assistant of Programming Language I (Python) and II (C), and Digital Signal Processing

Other activities: research, workshop instruction and volunteering for social projects

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| | Mechatronics technician | 2012 – 2014 |
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Instituto Federal de Educação, Ciência e Tecnologia do Amazonas – IFAM (Brazil)

Technical / High School

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| Certifications | ISTQB® Certified Tester Foundation Level (CTFL) | Feb 2024 |
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CFTL 4.0 Certification Nr. Brightest2024024466

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| Skills | Programming: Python, C, Java, Javascript |
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Frameworks and libraries: Appium, Cucumber, Cypress, Django, Flask, Locust, Pandas, Pytest, Selenium

Web: HTML, CSS, JS, Bootstrap

Other: Git, Gerrit, Jenkins, Jira, Power BI, Scrum, MS Office, Autodesk Fusion 360

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| Languages | Portuguese: fluent English: fluent French: beginner |
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