Shobana Mariappan
Wofskehle. 26,
95326 Kulmbach
✆ *+49 152 2996 2032*
✉ *shobanamariappan1991@gmail.com*

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Bewerbung als Softwareingenieur Testautomatisierung

Sehr geehrte Damen und Herren,

I saw your job advertisement in the online portal with great interest, as my field of interest lies in the area of development and testing. As a Master's graduate in Computational Engineering with practical knowledge in programming and testing, I find that the job described fits very well with my interests and skills.

Through my work at Glen Dimplex, I have very good experience with Python programming. I was involved in a project called "Qualifying the right pressure sensors using sensor test data" where I tested and analysed the performance of pressure sensors from different manufacturers. To prepare the test data for analysis, I used Python with data processing libraries e.g. Pandas and Numpy to clean the data and visualise it with Matplotlib and Seaborn. At the end of the project completion, I used TKINTER and PyQt5 to create a small Windows tool that receives the sensor data information in CSV format to process it in the background and create the interactive plots for business decisions. For my programming tasks, I used the open-source IDE "Visual Studio Code" from Microsoft, which offers a variety of plugins for programming in different languages.

In my bachelor studies I was interested in testing software. In a short training I got to know different methods of software testing as theory. After the apprenticeship I worked as a software engineer at Accenture. I got good experience in manual testing through client projects at Bank of America, where I developed test cases for online banking applications based on client requirements. At the start of testing, I reviewed requirements and design documents, gathered information from clients and prepared test data. During test execution, I identified and logged the bugs, tracked them until they were fixed, and closed the bugs by retesting. After test execution, I identified tests for the automation tests and wrote scripts for the automation tests using the Selenium Unittest framework. In addition to the tests, I created a status report with the status of the test cases and the errors that blocked the test cases and shared it with the test manager.

I have basic experience with Jenkins and Docker through a self-chosen project in Selenium with Python, where I created an automation test script for a demo online portal called Örange HRM Open Source Management"Besides the project, I am currently preparing for the ISTQB certification and will receive my certificate soon.

Furthermore, due to my previous professional activities, I bring along communication and teamwork skills, an independent and structured way of working as well as a high degree of self-initiative. Very good knowledge of English and good German round off my profile. With my expertise and skills, I would like to contribute to your innovative company and thus to the success of XXX and its products.

I am available for personal interviews and look forward to convincing you personally of my strengths.

Mit freundlichen Grüßen
Shobana Mariappan