

GURPREET SINGH

DETAILS:

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PROFESSIONAL EXPERIENCE:

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| Natwest Markets (RBS Group), Gurgaon | Sr. Automation Tester (July, 2011-Present) <ul style="list-style-type: none">3 projects for RPA using UiPath4 projects for API Performance Testing using Gatling & Load Runner3 projects with Python, ML & Teamcity3 big and multiple small projects with Perl and Shell over UnixUI Based automation using QTP, Python, SOAP and JSON |
| | QA Executive (June,2008 to July, 2011) <ul style="list-style-type: none">Web Automation using Selenium(Java)Code deployment over Linux servers and maintenance of serversCreated frameworks for Testing Automation tasksDesigned the automation project for Payments module using QTP |

EDUCATION QUALIFICATIONS:

Bachelor of Engineering(BE) from Netaji Subhash Institute of Technology (NSIT),University of Delhi, 2004-08

TRAININGS & ACHIEVEMENTS:

- Participation and Certification in National Level **RPA Hackathon** in 2019 hosted by UiPath at WeWork, Gurgaon
- Internal **hackathon** participation for **Data Science** Project over **Google Data Studio** and **Tableau**
- Awarded** for official concepts Thinking Long Term, Living Our Values, Exceeding Expectations

OBJECTIVE:

Seeking a technically challenging position where in the area of Software Automation and Machine Learning where I can share my skills and expand my capabilities further in the pursuit of progressive career advancement.

PROFESSIONAL PROFILE:

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| QA Automation and RPA | <ul style="list-style-type: none">11+ yrs of IT experience in the field of QA with focus on System Automation1.5 yrs of experience in building RPA (Robotics Process Automation) solutions using UiPath to automate web applications & desktop applicationsHands on Experience in creating PDD (Process Definition Document) and developed respective SDD (Solution Design Documents)Worked on UiPath Orchestrator and Bot Integration for web and mobile based triggering, reporting and analytical presentationExpertise in using Image comparison using Image recognition with OCR integrated via Google Engine, object cloning and key strokes with Ui ExplorerExpertise in extracting data from CSV, Excel, Text files, DataTables, Sheets, dynamic selectors, event replications etc. with the help of UiPathHands-on work done in managing external packages for PDF processing, API connectivity, SOAP/REST Calls, JSON/XML Processing |
| Python and ML | <ul style="list-style-type: none">Over 8+ years of experience using Python as an Automation Tool.Thorough understanding of Python 3.x/2.x basic concepts like Lists, Strings, Indexing, Slicing, Tuples and Dictionaries.Familiar with NumPy, Pandas, Matplotlib and Python Object Oriented concepts like creating classes, constructors, overloading and modules.Worked in Machine Learning(ML) lifecycle design including data collection, data cleansing, feature engineering, model selection, training & testingFluency in Python with working knowledge of ML & Statistical libraries (e.g. Scikit-learn, Pandas) and in development environments like Jupyter Notebook, Eclipse with PyDev, Anaconda and PyCharmWeb automation using Selenium integrated with Python |
| Unix and Perl | <ul style="list-style-type: none">10+ yrs of experience in using Perl Scripting for designing, testing, implementation and maintenance of System Process scriptsGood knowledge in Unix shell scripting for data feed handling, implementing business logic, date-time processing, web-services communication with CurlExtensive experience with data loading (BCP) tool, Cron Tab & AutosysProgrammed extensively in Perl scripting to handle Automation, Feed Loads, DB Connectivity using DBI/DBD modules & writing various subroutines.Conceptual knowledge on the Modern Moose object oriented programming using Perl and ability to develop traditional OOPs programs.Quick solution development skill in Unix using shell tools and Regular Expressions(Regex) over Unix/Cygwin |
| Performance Testing | <ul style="list-style-type: none">Possess excellent knowledge of performance testing tools like Load Runner, Gatling and SoapUIAnalyze and decode simulated and live packet capture data with Wireshark, Fiddler and PostmanSpecific performance testing expertise includes load, baseline, component, regression, functionality and stress testingStrong knowledge of SDLC in defining Testing Methodologies, Designing Test Cases, Test Plans, Defect Tracking & Reporting as Senior QA EngineerWork experience as a Team Lead to design and plan projects among several developers efficiently in a fast-paced Agile Development Environment |

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