***SHIVANG GUPTA***

Associate Consultant - Automation at AXA XL

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***Career Summary***

Total work experience of 4 years in software application development and data analytics. Pro-active and result oriented professional in aspects of process automation and Business Intelligence. Good experience in the implementation of all phases of Software Development Life Cycle from requirements gathering through implementation.

***AXA XL Dec 2019 - Present***

**Below is the summary of roles and responsibilities at AXA XL:**

* Responsible for development of **SQL queries,** **stored procedures, functions, tables, and** **views** and run tasks for data migration between multiple SQL servers.
* Design and develop automated test scripts for **selenium using python** by using **object-oriented programming** for future scalability of the application.
* Develop V**BA Applications** for Microsoft office.
* Follow **Agile mindset** for delivering new features in sprints and working in collaboration with team to reduce handovers. **Effectively communicating** to business stakeholders for understanding project requirements and finding opportunities for new projects.

**Below is the Summary of Projects delivered:**

* Providing developer support to catastrophe modelling team for maintenance of an **MS Access** application linked with **SQL server** using linked tables and pass through queries. This application is used for Transaction processing, daily work allocation, and MIS Reporting. Developed SQL Queries for new business requirements and debugging existing queries for error handling. Introduced new features for data validation and automating tasks like adding new users to the tool.
* Developed payments tool for Claims team for automating the process of payments to brokers.Process begins with extracting data (Claim number, Amount, vendor name, vendor address, etc) from emails in shared mailbox to the database (libraries used: **pandas, re, pywin32**) and then uploading this data to the payments system (Web application). (library used: **Selenium**)
* Develop monthly service pack reports for business intelligence team using python - pandas and **matplotlib** to convert **MS Excel** reports into meaningful analysis and **visualizations**.
* Developed VBA applications for policy management teams for automations like extracting data from emails or PDF using regular expressions. Created Data validation macros using functions for aggregation, string comparison, remove duplicates, datetime functions etc in VBA. Also used libraries like **File system object, ADODB, collections, dictionaries and arrays** for building business rules in the applications.
* Developed Proof of concept for Apache spark (library: **pyspark**) for big data. Learned how calculations on distributed file system works. Worked on a song streaming website data, developed **data pipeline** using aggregation functions / lambda functions to answer business questions.

***Accenture solutions Pvt. Ltd. Nov 2017 –Dec 2019***

**Below is the summary of roles and responsibilities at Accenture:**

* MS Excel automations using Visual Basic for applications.
* Developed SQL queries to fetch data from MS Access databases.
* Created relational tables, Queries, Forms and Reports in MS Access.
* Automated Transportation cost invoice processing using Microsoft Visual Basic and SAP GUI scripting.

***Technical expertise***

* Python Libraries: selenium, pandas, pyspark, matplotlib, tkinter, scrapy, Django, multiprocessing
* Database: SQL, MongoDB
* Xpath, HTML, Regular expressions, OOP, Data structures
* Development: Pycharm, git, MS Visual Studio
* Visual Basic for applications
* MS Office- Excel, Word, Access, & PowerPoint.

**EDUCATION**

***Sri Aurobindo College (Evening), Malviya Nagar, New Delhi-110017 2014 – 2017***

Bachelor's Degree: B.COM (PROGRAMME) 62.88%

***Universal Public School, Preet Vihar A-Block, Delhi 110092*** ***2013 – 2014***

12th commerce with Maths CBSE 83.6%