RESUME

Sumit Ramesh Barde

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OBJECTIVE: Seeking a position to utilize my skills and abilities in the software industry that offers security and professional growth while being resourceful, innovative and flexible.

PROFFESIONAL SUMMARY:

- 1.3 years of experience in core Python Developement.
- Created Bots and Connectors to hit and Scrape the data from various websites.
- Responsible for debugging and troubleshooting the Python scripts.
- Developed Python scripts to provide end to end solution for manupulating and harvesting the data.
- Automated the excel report using Python libraries like Pandas,xlwings,openpyxl,etc.
- Used OpenCV with python for image processing.

TECHNICAL SKILLS:

Languages	C,Python 3+
Operating System	Windows, Linux/Unix
Database	MySQL
Frameworks	Django
Modules	Selenium(Python),OpneCV,Pandas,Numpy

WORK EXPERIENCE:

Employer:-eClerx Services
Duration:-29-Jan-2019 to Present

Awards and Achievements:

- **Spot Reward (Aug-2019)** for developing an innovative solution for a to scrape a website which was protected with a third party security agent. The implemented solution included Windows Automation using Pywinauto,which mimicked human like activity with Chrome Browser.
- **YOKO-10(October-2019)** for implementing the best practice(Data Reengineering with Python) across the process.
- **Eureka(November-2019)** for implementing a BPI(Bussiness Process Improvement) idea (rated 4/5) The idea was aimed at automating the excel report generation with Python usning Pandas and xlwings.

PROJECTS:

- **Automated Data Manipulation and Harvesting (Lean Process).**
  - **Role Played**: Team Lead and Developer.
  - **Objectives**:
    - The main objective of this project is to eliminate all the wastefull practices and to improve efficiency by automating all the steps to reduce manual intervention and bandwith.
  - **Responsibility:**
    - Lead the team of three members to make the process lean.
    - Create architecture and process flow.
    - Automate the Data Harvesting and Data manipulation using Pandas,xlwings,openpyxl,csv,etc modules.
  - **Skills and Tools used:**
    - Python3
    - Pandas,Openpyxl

- **Website Scrapping.**
  - **Role Played**: Developer.
  - **Objectives**:
    - The objective of this project was to create Bots and Connectors to bypass the security agents and hit the webite to crawl the data.
  - **Responsibility:**
    - Analyze the websites to be crawled.
    - Create bots and Connectors using Python.

- If required create a Bot using using selenium.
- Handle the proxy rotation within the script
- **Skills and Tools used:**
  - Python3
  - Selenium,requests,xpath.reqular expressions.
- **Measurement of zone of Inhibition of bacteria.**
  - **Role Played**: Developer.
  - **Objectives**:
    - The goal of this project is to measure the effectiveness of different antimicrobial agents by measuring zones of inhibition on bacterial culture plates(Petri Dish) with Python using OpenCV to process the images of petri dish.
  - **Responsibility:**
    - Write Python code using OpenCV for image processing which determines the growth of the bacteria.
    - Implement OCR to recognize text on the petri dish.
  - **Skills and Tools used:**
    - Python3
    - OpenCV2 ,OCR.

EDUCATIONAL DETAILS:

Course	Year	Institute	Board/university	Specialization	Percentage
B.E	2014-18	PVG's College of Engineering Pune.	Savitribai Phule University Pune.	Electronics & Telecom. Engineering.	61.65%

DECLARATION:

I hereby declare that above information is true to the best of my knowledge and belief.

Date   Sumit Ramesh Barde.