Dedicated and seasoned professional with close to 5 years of experience in API development, Python programming, automation, data processing, statistics, and inferencing in databases using SQL. Adept in software engineering and data analysis, currently pursuing a Master's in Data Science.

**EDUCATION:**

**Master of Science in Data Science**

University Of Massachusetts at Dartmouth, USA **September,2022 - May,2024**

Relevant Course work: Machine Learning, Network Security, Data Visualization, Big Data Analytics, High Performance Scientific Computing, Mathematical statistics.

**Bachelor of Engineering in Electronics & Communication**

Visvesvaraya Technological University, India **August,2013 - July,2017**

**SKILLS:**

* Rest API development, Python, Robot framework using python.
* Python libraries: NumPy, Pandas, Matplotlib, Robot framework, scipy, sciki-learn, etc.
* AWS services: Lambda, SNS, CloudWatch, RDS, DynamoDB.
* Database Management: MY SQL, PySpark, Oracle, Stored procedures, views, MongoDB.
* Front end: HTML, CSS, D3js, WordPress.
* C (parallelization) for High performance computing, Linux.
* Tools: Postman, Jira, HP/ALM, GitHub, SAP-ISU, ADO.
* Tableau, Time Series Forecasting, Statistical analytics, regression, clustering.
* UI automation, API automation, API quality assurance.
* Non-technical: Agile methodologies, resource management, business requirement analysis.

**EXPERIENCE:**

**Takeda Pharmaceutical, Boston, MA June, 2023 – August, 2023**

* Created a report comparison tool designed for utilization across multiple cross-functional teams.
* Executed Python-based solutions to optimize and enhance existing processes, with the potential for future scalability into cloud environments or integration with other systems.
* Enhancing the workflow procedure through the automation of manual tasks, with the potential to be applied to most manual tasks conducted within the GRO division.
* Engaging with post-market data within the pharmaceutical sector while investigating prevalent industry data standards, with the aim of applying analytical methods for effective implementation.

**INFOSYS LTD, Hyderabad, Telangana**

**Specialist Programmer October,2021 - June,2022**

* Developed a Rest API in python using AWS lambda and deployed the same in AWS while integrating other AWS services like secrets manager, load balancer, IOT and few other services.
* Spearheaded business requirement analysis with stakeholders being an effective orator.
* Created notebooks in Databricks using PySpark, SQL and Spark to perform data cleansing on raw data and data transformation on cleansed data.
* Built a project involving data migration and data analysis using HDFS, MySQL, Hive, Spark and PySpark.

**Test Analyst March,2021 - September,2021**

* Strategized end to end automation of web application using robot framework in python.
* Proactive during application design and development discussions, collaborative with various team to ensure a robust application.
* Received awards and appreciation for my ability at stakeholder management and conflict resolution.
* Worked in an agile model project utilizing ADO, where I was decisive & calm under pressure while being performance focused.

**Test Engineer July,2019 - Febuary,2021**

* Developed a python tool to automate the execution process in HP/ALM using Rest-API, which drastically reduced manual effort from 20 minutes to 15 seconds.
* Created documentation with flowcharts and stakeholder application functionalities to which I was a subject matter expert at.

**System Engineer December,2017 – June,2019**

* Receptive and resourceful at using SAP-ISU, which was database used for migration to cloud.
* Scripted fine quality test scenarios which were adaptable and agile to fit various functionalities ensuring quality.