**PROFESSIONAL SUMMARY:**

* Having 4.5 years of experience as Analytics Consultant in Data Science.
* Result-oriented individual with experience in SQL, Python.
* Possess strong technical/business acumen and strong understanding of technical as well functional requirements.
* Having good experience with Python Pandas and Python Frameworks i.e Flask.
* Having good experience with HTML, CSS, and JavaScript.
* Having Good experience with Power BI for data visualization.

**KEY SKILLS:**

* Experience with text mining, textual data analysis, Natural Language Processing.
* Hands-on experience with various Python libraries NumPy, Pandas, Scikit learns, Seaborn, Matplotlib and Plotly etc..,
* Proficiency in manipulating and handling flat files (CSV, XLSX, JSON) with Python's pandas library, demonstrated by skilled data analysts.
* Possess Hands-On experience with Data Analytics and Visualization.
* Knowledge of Python scripting and CRON jobs.
* Experienced in performing Exploratory Data Analysis (EDA) with tools like Pandas, Numpy, Matplotlib, and Seaborn, illustrating strong analytical skills.
* Strong analytical skills and experience in data interpretation.
* Expertise knowledge on Exploratory DataAnalysis.
* Capable of querying SQL in Oracle, MySQL and SQLite and connecting to databases using Python libraries.
* Capable of utilizing Python to retrieve, modify, and load information from multiple sources onto SQL Server, Oracle, MySQL, or other databases.
* Expertise in relational databases and data modeling, with a background in working with open-source technologies and cloud services.
* Hands-on experience with file operations such as loading inbound files and creating outbound ones using pandas.
* Experience with web development technologies such as HTML and CSS.
* Team player with excellent interpersonal, Communication and Presentation Skills
* Knowledge of Source code management using Git, Git Hub, Azure Repos
* Experience with Flask framework and application deployment using Dockers
* Good Knowledge of PL/SQL Programming.
* Strong interpersonal skills demonstrated the ability to learn quickly.
* Having creative problem-solving skills and quick and independent learning skills.

**TECHNICAL SKILLS:**

* **Operating Systems** **:** Windows, Linux
* **Source Code Management** **:** Git, GitHub
* **Web Frameworks** **:** Flask
* **Web Technologies** **:** HTML, CSS
* **Programming Languages** **:** Python, SQL
* **Visualization** **:** Power BI
* **Databases** **:** Oracle SQL, MySQL
* **Libraries :** Pandas, NumPy, matplotlib, Flask, Fastapi, langchain,

openAI.

**EXPERIENCE SUMMARY:**

**Project: #1**

**Role:** Data Analyst

**Industry:** e-commerce

**Project Description:** This project is aimed to analyze the data regarding products at various levels, to provide charts based on different categories which will help to focus on marketing or promotions of respective products accordingly.

**Environment:** SQL, Python, Pandas, Flask, HTML, CSS, Power BI

* Design and Development of Frontend to run application.
* Involved in development of Mails sending UI and extracting data from Database to generate dynamic reports
* Assisted in database design and modeling.
* Worked on Scheduler to extract data from client’s database on specific time using cron trigger.
* Monitoring Scheduler performance and availability of applications.
* Conducting exploratory data analysis to identify patterns and trends.
* Using the Python libraries Pandas (for data cleaning), NumPy, and Data Scaling ( for feature engineering).
* Create and manage tables respective to the requirement.
* Involved in export and import of tablespace or tables.
* Administration of users based on roles and provides access.
* As per request provide specific privileges to users on objects, schema.
* Data validation on request basis
* Creating dashboards and generate power bi reports.
* Embed power bi reports in HTML.

**Project: #2**

**Role:** Python Developer

**Industry:** Private Sector

**Project Description:** This project is aimed to search the specific terms provided by user and provide relevant lines or paragraphs presented in the entire document which will reduce the time of search manually.

**Environment:** SQL, Python, Pandas, Flask, HTML, CSS

* Design and Development of Frontend using HTML, CSS to run application.
* Fixing the bugs after testing and provide code walkthroughs.
* Experience with extracting data from various document formats like Doc, pdf etc.,
* Retrieved the relevant cell values from an Excel template and incorporated them into the fields in the output Excel file.
* Involved in Analyzing, interpreting the data using various NLP technologies.
* Construct and execute Topic Extraction models, utilizing libraries like NLTK for pattern recognition and data processing.
* Devised a strategy that employs NLP techniques to classify, comprehend, and summarize extensive collections grievances by utilizing the unstructured data.
* As per the requirements, combined the values of the two columns with space and saved in an excel sheet.
* Developed and integrated a secure, robust, and dependable web application using the Flask web framework and REST API structures.
* Using Pandas to preprocess and clean data for consistency.
* Developed Python scripts to read data from files and store them into database.
* Worked with Python libraries like Pandas, numpy, scikitlearn etc.,

**Project: #3**

**Role:** Python Backend Developer

**Industry:** HR

**Project Description:** This project is aimed to develop a resume scoring model for assessing the resumes based on the job description to short listing the eligible candidates and provide score. Due to a very high volume of applications, It will take longer time for HR to shortlist the profiles manually. NLP techniques are used in determining the candidate's eligibility based on the required skill set.

**Environment:** Python3.10, NumPy, Word2Vec, Spacy, Flask, Docker, Azure, Pandas

**Responsibilities:**

* Participated in entire backend development lifecycle, including containerization, deployment, and application management.
* Performed data pre-processing to handle missing data, data inconsistencies within/across datasets
* Employed Python scripting to encrypt data and passwords at both rest and transit levels.
* Experience with end-to-end backend development using Flask framework for web applications.
* Created RESTful APIs with Flask to facilitate seamless communication between frontend and backend systems.
* Perform NLP for structure text data and preprocessing.
* Leveraged Docker for containerizing applications, ensuring smooth deployment and scalability.
* Worked on extensive EDA using libraries such as Pandas, NumPy, and Visualizations using Seaborn, Matplotlib and Plotly using Python.
* Worked on end-to-end implementation for a tool aimed at extracting various fields from diverse file formats.
* Keeping track of model performance and making necessary adjustments to ensure accuracy.