

## SUMMARY

4 years experienced software and data analytics professional possessing a prolific track record of driving user growth, boosting user retention & enhancing market share by deploying data ecosystem components, techniques, and best practices. Adept at performing deep dive to gain actionable insights to benefit key stakeholders & facilitate sound decision-making while generating an error-free report. Proficient in data analytics and automation to deliver compelling business value to clients & successfully execute projects.

## PROFESSIONAL EXPERIENCE

### Health carer analyst (Part Time)

Apr '22 - Feb '23

#### Care Bureau

Leamington Spa, England

- As an analyst, preparing reports, dashboards, and presentations that effectively communicate complex health care data to stakeholders, including clinicians, administrators. These reports can facilitate informed decision-making by providing actionable insights and recommendations based on data analysis.
- Apply statistical techniques, data visualisation methods, and domain knowledge to interpret data and identify meaningful patterns, trends, and correlations.

### Data Analyst

Jan '21 - Feb '22

#### Gartner

Gurgaon, IN

#### Data Analysis & NLP(ML)

- Worked on different database for data migration and data management using Mysql and Snowflake database.
- Worked on large complex dataset for transforming dataset with Python programming to automate and streamline the dataset.
- Created interactive dashboards and visualisations using Power BI to effectively communicate insights to stakeholders.
- Prepared clear and concise reports and visualisations to communicate findings and recommendations to stakeholders.
- Collaborated with cross-functional teams to design and execute experiments, collect and preprocess data, and evaluate model performance.
- Developed and implemented NLP models for various applications, such as similarity check , text classification.

#### Data Processing & Transformation

- Designed and implemented ETL processes to extract data from multiple sources, transform it according to business rules, and load it into target systems.
  - Prepared clear and concise documentation to support ETL processes and workflows.

#### Automating the pipeline & Troubleshooting.

- Designed and implemented data pipelines using Apache Airflow to automate ETL processes.
- Resolving issues pertaining to Airflow and automation with database environment and overseeing the quality assurance of the imported data.

### Data Engineering and Machine Learning

Jun '20 - Sep '20

#### Intelegencia Technology

Gurgaon, IN

- Development and maintenance of data pipelines and ETL processes.
- Creating Python scripts for automation and PDF generation .
- Featuring factory data and analyzing it to determine the best way to improve the quality of production.
- Developed and maintained Python scripts to automate repetitive tasks and improve efficiency.
- Developed Python scripts and libraries to interact with MySQL databases, perform ETL processes, and automate data-related tasks.

#### Asian Paint Project

- Collecting Data from Factory Machine and perform ETL process on that.

- Validation for data generated and monitoring with tools such as kibana.
- Python Scripting for the automation of of scripts.

**Sr.Software Developer**  
**Mannan impex Private limited**

Dec '17 - Jun '21  
New Delhi, IN

- Designed and developed home automation systems using Python programming and IoT technologies.
- Integrated and controlled various smart devices, such as lights, thermostats, cameras, and sensors, using Python scripts and APIs.
- Processed and analysed sensor data to derive meaningful insights and trigger automated actions.
- Collaborated with cross-functional teams to gather requirements, design system architectures, and implement features.
- Conducted testing and debugging to ensure system functionality and performance.
- Created data visualisations to present home automation metrics and analytics.
- Conducted testing and bug fixing to ensure system reliability and performance.
- Integrated MySQL databases with Python applications to enable seamless data exchange and manipulation.

EDUCATION

**Postgraduate Diploma Data Analytics**  
**Aston University**

Jan '22 - Feb '23  
United Kingdom, Birmingham

- **Research Project Thesis work.**
  - The economies of India and China, aiming to uncover key insights and trends. By examining various economic indicators such as GDP growth, inflation rates, investment patterns, and trade data, the analysis provides a comprehensive overview of the two countries' economic performance. The study highlights the similarities and differences between India and China, identifies the drivers of economic growth in each country, and explores potential areas for improvement. The findings contribute to a better understanding of the economic landscapes in India and China and offer valuable insights for policymakers and stakeholders involved in economic development strategies.

**Bachelor of Electronics and communications**  
**University of Uttarakhand**

Jun '12 - Sep '16  
Dehradun, IN

- Secured 69.82%

**Intermediate**  
**CBSE (Physics Chemistry and Math)**

Jan '11 - Aug '12  
Lucknow, IN

- Secured 67.67%
- English score 69.

**Class 10th**  
**Science**

Apr '19 - Apr '10  
Lucknow, IN

- Secured 73.82%

KEY SKILLS

1. Python Programming: Proficiency in Python for data manipulation, analysis, and visualization using libraries such as NumPy, Pandas, and Matplotlib.
2. Machine Learning Algorithms: Knowledge of popular machine learning algorithms like linear regression, logistic regression, clustering algorithms , Natural language processing.
3. Data Visualisation Tools: Power BI to create interactive and visually appealing dashboards and reports.

TECHNICAL SKILLS

**Tools/Languages:** Python,Machine Learning ,data analysis,Snowflake, SQL,, Advance Excel , Airflow ,Power BI reporting.  
**Database:** Snowflake, MySQL  
**Web/Application Servers:** linux server **MS Excel** (Advance)

CERTIFICATIONS

- Data Analytics with Python.
- Hacker Earth Python Coding