

SANTOSH KUMAR

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Professional Summary

Python Developer with an experience in web scraping, data automation, and backend scripting. Skilled in Python, BeautifulSoup and database handling with MySQL. Passionate about building efficient tools and solving real-world data problems.

Experience

- Working with **Strawberry Grow** as a **Data Analyst**.
- Working with **Citiustech Healthcare Pvt Ltd** as a **Software Engineer/Data scientist** from Bangalore.
- Worked With **Pixel Bit Technology** as a **Software Engineer** in Chennai.
- Internship With **Zeetron Network PVT LTD**.

Technical Skill

- Languages : Python (pandas, matplotlib), SQL
- Business Intelligence Tools : Tableau Desktop , Tableau Server, Power BI
- Cloud : AWS lambda function
- Data Management: Data Blending, Data Modeling, ETL Processes, SQL Databases (MySQL, Oracle, etc.)
- Tools: Git, Docker, kubernetes
- Interests: Machine Learning, Regression, Classification, Excel (Advanced), EDA
- Visualization Expertise: Advanced Charting, Interactive Dashboards, Storyboarding

Project

Company Name : Strawberry Grow

June 2023 - Present

Client: ITC rmg

Role and Responsibility:

- Built an ETL pipeline using Python, Pandas, to analyze large datasets.
- Created a tool to integrate multiple third-party APIs using FastAPI and Requests.
- Automated data validation and cleanup tasks, saving 10 hours per week.
- Designed interactive visualizations using Matplotlib and Seaborn to represent insights from processed data.
- Implemented a tool to assess data completeness and consistency, improving data integrity checks by 20%
- Cross-Functional Leadership: Facilitated workshops and discovery sessions with diverse stakeholders, including project managers, engineers, and clients, to drive alignment and ensure the success of initiatives.
- Data-Driven Decision Making: Conducted thorough data analysis, leveraging tools like MySQL and Tableau, to extract actionable insights that supported strategic decisions and improved operational metrics.

Company Name: CITIUSTECH HEALTHCARE

Nov 2021 – March 2023

Role: Software Developer

Responsibilities:

- Designed and implemented systems with a micro services architecture for enhanced scalability and efficiency.
- Developed and updated interactive dashboards and reports using Tableau Desktop, integrating multiple views for comprehensive insights.
- Maintained attention to detail in collaboration, documentation, and project management, including prioritization, risk handling, and trade-off analysis.
- Hands-on experience in coding and optimizing analytics solutions.
- Effectively communicated findings and recommendations to stakeholders, ensuring clarity and actionable outcomes.
- Actively participated in requirement gathering to align project goals with business needs.

- Demonstrated strong organizational, analytical, troubleshooting, and problem-solving skills in delivering project objectives.

Project : RCM --- Role: Data Analyst

Responsibility:

- Row Level Security on Tableau Server.
- Scheduled Tableau Reports on Tableau Server.
- Effectively worked on creating users, creating groups, sites, and given permissions accordingly.
- Worked extensively Developed Dashboards with Quick filters, Parameters and sets to handle views more efficiently.
- Implemented with filters and data blending concepts.
- Created joins based on DM tables for the dashboard.
- Regularly being part of the clients meeting for project planning, and retrospective activities.
- Combined the visualizations into interactive dashboard and publish them to the server
- Co-ordinate with ETL team to work regarding data mismatching Tableau from DB while performing System testing.
- Identifying issues and risks in a timely manner.

Company Name: PIXEL BIT TECHNOLOGY

Sept 2020 –oct2021

Role: Software Engineer

Description:

Created Tableau dashboards using pie charts, bar graphs, scattered plots, geographical maps, Gantt charts using show me functionality also got the opportunity to work on SQL part.

Roles and Responsibility:

- Involved in creating interactive dashboard and applied actions (filter, highlight and URL) to dashboard.
- dashboards, and visualizations to provide insights on HR trends, workforce analytics, talent management, and key performance indicators (KPIs).
- Understood the data and technical specifications.
- Worked on parameters, sets, calculation fields to create dynamic charts.
- Ensured complete accuracy and validity of data through thorough testing and validation.
- Function as key business analyst to document data requirement to FDW Tech team for enhancement to produce data completeness, accuracy and enrichment Worked on Weekly, Monthly reports.

Company Name: Zeetron network pvt ltd

May 2019 –Sept2020

- Built an end-to-end data pipeline using **Python (Pandas, NumPy)** to clean, process, and analyze 1M+ rows of customer data, reducing manual effort by 80%.
- Developed **interactive dashboards** using **Tableau/Power BI** for sales and marketing analytics, increasing stakeholder visibility into KPIs by 70%.
- Conducted **exploratory data analysis (EDA)** and visualized insights on churn patterns using **Matplotlib/Seaborn**, leading to a 15% improvement in retention strategy.
- Applied **statistical methods (hypothesis testing, t-tests)** to validate business assumptions and inform data-driven decisions.
- Designed and implemented **A/B testing frameworks** in Python to optimize product features, increasing user engagement by 25%.

EDUCATION

- ✓ Bachelor of Technology in Computer Science and Engineering (CSE) Rajasthan institute of Engineering and Technology from

Rajasthan Technical University (KOTA).

[2016-2020]