

Shashank Mankala



As a CSE undergraduate, I bring robust algorithmic and problem-solving capabilities to the table. Alongside this, I am a skilled data analyst proficient in Python, SQL, Tableau, and Excel to extract actionable insights from intricate datasets. My expertise lies in adeptly manipulating data, creating insightful visualizations, and conducting rigorous statistical analysis. Collaborative and driven, leveraging data to drive continuous improvement.

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📄 shashank-mankala1.github.io/portfolio/

🐙 github.com/Shashank-mankala1

EDUCATION

Bachelor of Technology (CSE) Lovely Professional University

08/2019 - 07/2023

CGPA: 8.62

Coursework

- DBMS
- Data Analysis
- Advanced Mathematics
- Python

PROJECTS

Chatbot: Dialogflow, FastAPI, and GitHub in Action (08/2023 - 08/2023) [🔗](#)

- Designed and developed an **interactive chatbot** that streamlined the process of 2 main components, i.e., food ordering and order tracking.
- Crafted 8 conversational flows for ordering and tracking using **Dialogflow intents and fulfillments**.
- Implemented a robust backend using **Python and FastAPI** to efficiently process user requests. Created 2 **SQL database** structures for storing food items, order tracking, and order status.

Road Accident Analysis Dashboard (05/2023 - 05/2023) [🔗](#)

- Conducted an in-depth analysis of the dataset, identifying and highlighting **5 significant trends** within the road accident data.
- Utilized **advanced data visualization techniques** in Tableau to present the identified trends in a clear and intuitive manner.
- Generated **5 different aggregates to summarize key statistics** and metrics related to road accidents, providing stakeholders with valuable insights.

Google Play Store Analysis (12/2021 - 12/2021) [🔗](#)

- Built a **comprehensive and interactive dashboard** using Excel for analyzing Google Play Store apps based on various categories. Created **7 interactive charts and visualizations** to present critical observations.
- Ensured accuracy and dependability by performing data cleaning and preprocessing. Cleaned the raw data 100% for precision.

WORK EXPERIENCE

Software Engineer Intern Frugal Testing

06/2022 - 05/2023

Hyderabad, India

Achievements/Tasks

- Constructed and implemented automation frameworks for 4 different projects, resulting in a significant reduction in manual testing efforts.
- Constructed and implemented automation frameworks for 4 different projects, resulting in a significant reduction in manual testing efforts. Performed functional testing to verify software functionalities and ensure compliance with user requirements.
- Contributed to enhancing testing processes, methodologies, and best practices, resulting in a 30% increase in testing efficiency.
- Collaborated with stakeholders on 4 projects, optimized testing strategies using data analysis, and actively participated in cross-functional teams for continuous improvement.

SKILLS

Python

SQL

Tableau

Google Cloud

Power BI

Looker Studio

Excel

Problem-Solving

Data Structures

C++

HTML

CSS

JavaScript

NLP

ACHIEVEMENTS

3 Stars on Leetcode (03/2022)

3 STAR coder at Code Chef (08/2021)

Jumpstart Attendee (07/2021)

Earned entry through a Hackathon conducted by Publicis Sapient .

#TOP 63 best World rank in Hacker Earth Programming
(04/2021)

5 STAR Coder at Hacker Rank (02/2020)

CERTIFICATIONS

Career Essentials in Data Analysis by Microsoft and LinkedIn
(06/2023) [🔗](#)

Advanced SQL Certificate by HackerRank (04/2023) [🔗](#)

Modern Big Data Analysis with SQL Specialization
(06/2021 - 07/2021) [🔗](#)

DSA Self paced course by GFG (06/2021 - 07/2021) [🔗](#)

Crash Course on Python by Google (05/2020 - 05/2020) [🔗](#)

Problem Solving Certificate by HackerRank (10/2020 - 10/2020)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

INTERESTS

Exploring new technologies

Chess

Browsing internet

Competitive Programming

Gaming