

SHIVAM KUMAR

Roll No.: B.TECH/10764/21
Fresher in Data Analytics/Science
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EDUCATION

• BIRLA INSTITUTE OF TECHNOLOGY, Mesra	2021-25
<i>B.Tech in Information Technology</i>	CGPA: 7.31
• HIMALAYAN INTL. SCHOOL, 12th	2018-20
<i>Central Board of Secondary Education, Bihar</i>	Percentage: 80.4
• D.RAM DAV PUBLIC SCHOOL, GOLA ROAD, 10th	2018
<i>Central Board of Secondary Education, Bihar</i>	Percentage: 88.33

COMPLETED COURSES

• 100 Days of Code: The Complete Python Pro Bootcamp for 2023, By Dr. Angela Yu	March, 2022
	UDEMY, Online
• Operating Systems and You: Becoming a Power User, By Google	October, 2023
	Coursera, Online
• Microsoft Power BI - The Practical Guide 2023, By Manuel Lorenz	March, 2023
	UDEMY, Online
• The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert, By Colt Steele	AUG, 2023
	UDEMY, Online

PROJECTS

•Python Snake Game

•I developed a classic Snake game using Python and its libraries, including tkinter and turtle. Highest Score tracking is done using json data file. In the game, players control a snake that grows longer as it consumes balls, with the goal of avoiding collisions that lead to the snake's demise. The graphical interface is implemented using tkinter and turtle, providing a visually engaging experience for players Event dates

- Tools & technologies used: Python(Concepts of classes and inheritance), Tkinter,Turtle,Json data
- GitHub Repository: [🐙 Click me](#)

Flash Card App

I developed a Flash Card app in Python, leveraging the pandas library to extract a dictionary of words from CSV data. Using the tkinter module, the app displays French words on the screen, prompting users to guess their meanings. After a brief 5-second interval, the correct meaning is revealed. To track user performance, two buttons, 'True' and 'False,' allow users to indicate the accuracy of their guesses. The app dynamically updates a score, providing users with feedback on their performance. To facilitate learning from mistakes, all errors are logged and stored in a new CSV file named 'words to learn.' This personalized learning approach ensures users focus on areas that need improvement, fostering an effective language learning experience.

- Tools & technologies used: Pandas,tkinter,json,Oops
- GitHub Repository: [🐙 Click me](#)

Smart Housing Locator

I employed web scraping techniques to extract valuable data from a house rental website, specifically focusing on the application link, property address, and rental price. Utilizing this information, I automated the process of populating a Google Form. The collected data is seamlessly integrated into a Google Sheets document through the Sheety API, facilitating easy access and organization in an Excel/CSV format. This streamlined approach eliminates the need to visit the rental website manually, providing a more efficient and centralized method for retrieving and managing housing information.

- Tools & technologies used: Html, Css, Python modules: Selenium, Sheety api, beautiful soup, pandas

- GitHub Repository: [🔗 Click me](#)

GlobalPop Insights Explorer

Led the creation of 'GlobalPop Insights Explorer,' a dynamic Power BI project transforming raw data from reputable sources such as the World Bank and the United Nations into an interactive, visually engaging dashboard. The platform facilitates in-depth exploration of worldwide population dynamics, offering insights into geospatial distribution, temporal trends, and demographic nuances. Notable features include urbanization insights, migration patterns, and birth/death rate visualizations. The project, showcasing my expertise in data visualization, provides a user-friendly interface for historical analysis and overlays major events onto population data. This impactful tool caters to researchers, policymakers, and enthusiasts, positioning me as a skilled data analyst adept at translating complex global demographic trends into accessible, actionable insights.

- Tools & technologies used: Power Bi, Sheety API, Web Scraping Tools(BeautifulSoup ,Selenium)

InstaClone SQL Project

The "InstaClone SQL Project" mirrors Instagram's key features in a streamlined SQL database. It encompasses user registration, post creation, comments, likes, and followers. This project showcases my proficiency in SQL database design, demonstrating skills in modeling relational structures and crafting queries to emulate social media functionalities. The InstaClone SQL Project offers a concise yet comprehensive illustration of my abilities in database-driven social media application development.

- Tools & technologies used: Database Management System (DBMS): Mysql
- GitHub Repository: [🔗 Click me](#)

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Html, Css basics

Developer Tools: PyCharm, Visual Studio Code

Frameworks: Flask

Cloud/Databases: MySql

Soft Skills: Analytical Thinking, Problem-Solving, Communication Skills, Time Management

Coursework: Ansys, Aspen Plus

Areas of Interest: Data Analytics and Machine Learning

POSITIONS OF RESPONSIBILITY

•**Content Cordinator**, Ilche Bit mesra

1 Year

ACHIEVEMENTS

•**Data Analytics and Visulalization JOB Simulation At accenture**

•Engaging in a virtual internship at Accenture, I orchestrated a dynamic project integrating Excel for data preparation, Python for advanced modeling, and Power BI for compelling visualizations. This hands-on experience fortified my proficiency in data-driven insights, emphasizing the synergy of Excel, Python, and Power BI in transforming raw data into actionable narratives for effective client presentations.

•**Passed linkedin skill assessment test** in Power Bi, Mysql, Html and Python

•**Completed SQL50 leetcode challange** solved 50+ problems in sql on leetcode