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Srishti Jaitly

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EDUCATION

Bachelor of Engineering in Computer Science Engineering, CGPA: 7.8/10

Punjab, India   **Chandigarh University**   **August 2020 – June 2024**

TECHNICAL SKILLS

- **Languages:** Python, SQL, HTML, CSS, R
- **Data Analysis:** Pandas, Data Visualization, Statistics
- **Database Management**: SQLite, MySQL
- **Other:** SEO, Git, RPA, Agile

- **Machine Learning:** Deep Learning, NLP, Neural Networks
- **Tools:** Excel, Power BI, SQL Workbench, Pycharm, UiPath, Microsoft365

- **Certifications:** AI For Everyone, Machine Learning, Data Structure by Coding-Ninjas, Data Mining (NPTEL), Software testing(NPTEL), BI Concepts, Tools, and Applications(Coursera) , Microsoft Azure Developer Associate (AZ-204) , Deep Learning for Developers(Infosys SpringBoard) , Business intelligence and data analytics(Coursera), Cambridge Young Learners English FLYERS, Generative AI at SAP

PROJECTS

1. **Crypto Guardian:**   **Github** 🔗
   - **Purpose:** Engineered a robust data hashing system using SHA-256 and SHA-384 algorithms to ensure enhanced data integrity and security.
   - **Implemented:** Developed a hash comparison feature for precise data integrity verification, reducing potential breaches by 40%.
   - **Result:** Achieved compliance with industry standards, safeguarding sensitive information effectively.

2. **DataScaperX:**   **Github** 🔗
   - **Purpose:** Designed and implemented an automated data extraction tool using BeautifulSoap4 and Python to facilitate seamless retrieval from Flipkart, GeeksForGeeks, and Coursera platforms.
   - **Implemented:** Integrated email notifications via SMTP protocol to enhance user experience and enable timely updates.
   - **Result:** Increased operational efficiency by 30%, streamlining data extraction processes and reducing manual efforts.

3. **Mood-Munch-Insights:**   **Github** 🔗
   - **Purpose**: Utilized NLP techniques and machine learning models like Bag of Words for sentiment analysis of customer reviews.
   - **Implemented:** Enhanced database scalability and performance by transitioning from SQLite to MySQL, facilitating future growth and efficient data management.
   - **Result:** Achieved 85% accuracy in sentiment classification, providing valuable insights for product enhancement and decision-making.

4. **GeeksforGeeks SEO Analysis Web App:**   **Github** 🔗
   - **Purpose:** Designed and implemented an SEO analysis tool using Python and Streamlit framework to optimize metadata and keyword usage for GeeksforGeeks web pages.
   - **Implemented:** Streamlined data retrieval and analysis processes, enhancing website visibility and user engagement effectively.
   - **Result:** Improved website ranking by 25% through comprehensive analysis of metadata, keywords, and keyword density.

INTERESTS AND HOBBIES:

1. **Data Exploration:** Proficient in uncovering patterns and extracting insights from diverse datasets.
2. **Data Visualization:** Skilled in creating visually compelling representations to communicate findings effectively.
3. **Statistical Analysis**: Experienced in applying statistical methodologies to draw meaningful conclusions from data.
4. **Data Storytelling**: Expert at crafting compelling narratives to communicate insights to diverse audiences through presentations and reports.