

Hemant Soni

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🐙 GitHub

🌐 Portfolio

🌐 LinkedIn

EXPERIENCE

•Python & NodeJs developer

July - Sep 2023

Partypal Benefic Solutions Pvt Ltd.

Online

- Led the implementation of the **Spotify Data Analysis project**, showcasing proficiency in utilizing 6 different Spotify APIs and seamlessly integrating with **Firebase** to capture and organize user data. Executed comprehensive data analysis using Python's **Pandas** and **Matplotlib** libraries, resulting in the personalized curation of top songs for each user.
- Contributed significantly to the advancement of Superaxel, an evolving garage management website. Established and managed two master categories, resolved various **SQL** and **Express.js** challenges, and developed APIs to facilitate seamless integration with a Flutter application. These enhancements significantly enriched the website's functionality and improved the overall user experience.
- Engineered high-quality solutions using a versatile tech stack encompassing **Node.js**, **Express.js**, **MongoDB**, **SQL**, **Pandas**, and **Matplotlib**; executed data-driven projects, achieving significant process improvements and delivering actionable business intelligence insights.

EDUCATION

•Global Institute of Technology, Jaipur(Rajasthan)

CGPA(Till 5th sem): **9.14**

Bachelor of Technology in Computer Science and Engineering

2020-24

•Jai Durga Sr. Sec. School, Jaipur(Rajasthan)(RBSE)

77.40%

Class 12th

2018-19

•Jai Durga Sr. Sec. School, Jaipur(Rajasthan)(RBSE)

73.67%

Class 10th

2016-17

PERSONAL PROJECTS

•ChatViz

Nov 2023

ChatViz is a web-based data analysis tool for WhatsApp chat analysis.

- Developed a robust web application using Python, Flask, HTML, JavaScript, and Chart.js to perform comprehensive analysis of WhatsApp chats.
- Transformed unstructured chat text files into structured CSV data, enabling statistical analysis of message counts, media sharing, and emoji usage. Pioneered sentiment analysis capabilities in regional languages like Hindi and Hinglish, enhancing user insights and engagement.
- Leveraged Python's powerful Natural Language Processing techniques to deliver accurate sentiment analysis results.

•CelebLook

Apr 2023

A Celebrity Predictor is a web-app utilizing pre-trained MTCNN InceptionV3 & ResNet50 models.

- Developed a web application using Streamlit and TensorFlow to predict celebrity lookalikes from user-uploaded images.
- Implemented a recommendation system to suggest the top 3-6 celebrity lookalikes for each uploaded image using MTCNN models (ResNet50 & InceptionV3).
- Curated and labeled a custom dataset of 12,250 images featuring 100 distinct celebrities for training the model.
- Technologies Used: Python, MTCNN models (ResNet50, InceptionV3), Numpy, Open-CV, Streamlit.

•Sentiments Analysis

Dec 2022

A real-time facial expression analysis tool with WebCam technology.

- Developed a real-time facial expression analysis tool utilizing WebCam technology to provide users with instant feedback on their emotional state.
- Created the ReactJs application during a 24-hour hackathon with a team.
- Technologies Used: Reactjs, HTML, CSS, APIs.

•FarmHome

Oct 2022

A platform for farmers to book slots in nearby warehouses.

- Developed FarmHome website within a 72-hour hackathon, enabling farmers to easily book slots and stores in nearby warehouses for their products.
- Streamlined the storage process for farmers, providing a convenient and efficient platform for managing their produce.
- Technologies Used: MERN Stack (MongoDB, ExpressJs, ReactJs, NodeJs).

SKILLS

Programming Languages: Python, C, C++, Java

Visualization & Databases: MongoDB, Excel, PowerBi, SQL

Libraries : Pandas, Numpy, Matplotlib, Seaborn, Streamlit, Flask

Tools: Version Control (Git), Docker (Proficient), Jupiter Notebook, MySQL, PostgreSQL.

Front-end Web Development: HTML, CSS, JavaScript, ReactJs, NodeJs, ExpressJs, NextJs

Soft Skills: Problem Solving, Self-learning, Conflict Resolution, Adaptability

COURSES & CERTIFICATES

Python Data Analysis LinkedIn NASBA	Jun 2023
Introduction to Git and GitHub Coursera Google	Jan 2023
Python for Data Science, AI & Development Coursera IBM	Oct 2022

CONTRIBUTIONS

Open-Source Project (GitHub) (slackgpt DevOps)	Jan - Feb 2023
<ul style="list-style-type: none">– Enhanced DevOps efficiency by designing Pull Request and Issue Templates.– Developed comprehensive README, Code of Conduct, and Contribution guidelines to drive project engagement.– Resolved "ADD DM capabilities" issue through strategic API integration on Chat-GPT, elevating repo functionality.– Addressed Relevant Issues: [#5, #10, #11, #13, #14, #17, #19]– Addressed Relevant Issues: [#5, #10, #11, #13, #14, #17, #19]	
Kaggle Community Involvement (Kaggle)	Mar 2023
<ul style="list-style-type: none">– Contributed by curating and uploading "Celebrity Images for Face Recognition" data-set.– Inclusion of 12,250 high-quality images featuring 100 renowned personalities	