Hemant Soni

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 GitHub
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EXPERIENCE

•Python & NodeJs developer   *July - Sep 2023*
Partypal Benefic Solutions Pvt Ltd.   Online

– Spearheaded the **Spotify Data Analysis project**, demonstrating expertise in utilizing the Spotify API and MongoDB to meticulously capture and store user data. Performed in-depth data analysis using Python's **Pandas** and **Matplotlib** libraries, resulting in the curation of personalized playlists featuring the top songs for each user.

– Played a pivotal role in the development of **Superaxel**, a dynamic garage management website. Successfully established and managed master categories, meticulously handled various SQL and **Express.js** errors, and meticulously crafted APIs for seamless integration with a Flutter application, thus enhancing the website's functionality and user experience.

– Leveraged a diverse tech stack, including **Node.js**, **Express.js**, **MongoDB**, **SQL**, **Pandas**, and **Matplotlib**, to deliver high-quality solutions in both projects, showcasing adaptability and proficiency in multiple programming languages and frameworks.

EDUCATION

•Global Institute of Technology, Jaipur(Rajasthan)   *CGPA(Till 4th sem):* **9.4**
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

•ChatStats Pro   *Aug 2023-Present*
ChatStats Pro is a web-based data analysis tool for WhatsApp chat analysis.

– Developed a comprehensive WhatsApp chat analysis web application using Python, Flask, HTML, JavaScript, and Chart.js.

– Transformed unstructured WhatsApp chat text files into structured CSV data, facilitating statistical analysis of message counts, media sharing, emoji usage and many more.

– Pioneered sentiment analysis capabilities to assess user sentiments in regional languages like Hindi and Hinglish, enhancing user insights and engagement.

– Leveraged Python's powerful Natural Language Processing (NLP) libraries and pre-trained models for multilingual text processing and sentiment analysis.

•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

Languages: English, Hindi(Native Speaker)

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

– 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]

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Kaggle Community Involvement (Kaggle)   Mar 2023

– Contributed by curating and uploading "Celebrity Images for Face Recognition" data-set.

– Inclusion of 12,250 high-quality images featuring 100 renowned personalities