

Mehul Parekh

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EDUCATION

KJ Somaiya College of Engineering

Bachelor of Technology

Information Technology

Cumulative GPA: 8.7/10

Relevant Coursework: Machine learning , Data Structures and Algorithms , Software Engineering; Operating Systems

Mumbai, India

Expected June 2023

WORK EXPERIENCE

SAYHEY

Machine Learning Intern

Mumbai , India

June 2022 - October 2022

- Researched different types of chatbots.
- Familiar with chatbot platforms and frameworks.
- Experienced in designing and implementing LSTM and deep learning models for various applications.
- Contributed to the development of a chatbot designed to function as a therapist.
- Responsible for designing and implementing the chatbot's natural language processing capabilities, and developing content and logic for responses.

KJSCE

Data Science Intern

Mumbai , India

October 2020 - January 2021

- Responsible for cleaning and preparing raw and unstructured data on COVID-19 patients provided by a local hospital
- Organized and formatted the data to allow for analysis and insights to be extracted
- Utilized exploratory data analysis techniques to identify patterns, relationships, and trends in the data
- Used tools and techniques such as visualizing data using plots and graphs, calculating summary statistics, and performing statistical tests to identify significant patterns or trends
- Completed tasks such as correcting errors, filling in missing values, and standardizing the data to a consistent format.

PROJECTS

AIRBNB CLONE WEBSITE - [airglobe](#)

- Developed a full-stack web application with user authentication and CRUD operations using MERN Stack. Designed the UI with Tailwind CSS, a popular utility-first CSS framework. Implemented features such as user registration and login, user roles and permissions, and data management operations such as creating, reading, updating, and deleting records.

SOUNDBOOM ECOMMERCE WEBSITE - [SoundBoom](#)

- Created an e-commerce web application called SoundBoom using MERN Stack, a full-stack JavaScript framework. Developed features such as user authentication, product listing and search functionality, cart management, payment processing, and order management. Utilized technologies such as Redux for state management , Stripe for payment processing and TailwindCSS for UI design. Designed and implemented the backend using Node.js, Express, and MongoDB

MUSIC RECOMMENDATION SYSTEM

- This project involved creating a system that could recommend music to users based on their current mood. We were responsible for designing and implementing the recommendation system, as well as integrating machine learning techniques to analyze and understand user moods. We used Spotify API for generating songs dataset, Machine learning libraries of python for model development and Django for website development

ACTIVITIES

KJSCE EMFINITY

Creative Member

Mumbai , India
Dec 2020 – May 2021

- Created social media posts, flyers, and posters using Adobe Illustrator and Canva for the council.
- Participated in brainstorming sessions with the team to generate ideas for projects and initiatives.
- Assisted in planning various events, including community festivals and yearly fests for the council.

SKILLS

- Proficient in Python, including modules such as pandas, numpy, sklearn, keras, tensorflow, and matplotlib.
- Skilled in Django and MERN Stack for development.
- Experienced in using both SQL and NoSQL databases, including MongoDB, SQLite, and MySQL.
- Proficient in several programming languages, including Python , JavaScript, C, HTML, and CSS .
- Skilled in utilizing tools such as Excel, Figma, Illustrator, and Canva for designing ..
- Experienced in the field of data science and machine learning.

CERTIFICATIONS

- UDEMY: The Complete 2020 Web Development Bootcamp (2020) - Completed
- UDEMY: Machine Learning A-Z™: Hands-On Python & R In Data Science (2021) - Completed
- Internshala Trainings: Deep Learning (2021) - Completed