

BHARAT SUTHAR

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EDUCATION

Indian Institute of Information Technology Surat

Bachelor of Technology, Computer Science. CGPA : 8.15/10

2020 – 2024

Surat, India

WORK EXPERIENCE

Microsoft

May 2022 - June 2022

Mentee-Engage'22

- Developed a Web Application of Movie Recommendation System under the guidance of Microsoft Engineer.
- Learnt various new technologies, explored NLP and different ML algorithms for better accuracy of model.
- Worked on Recommendation system for movie dataset and Build hybrid model based on algorithms like Content based, User and Item based Collaborative Filtering and KNN algorithm.
- Got a great exposure of working in a real time industry environment.
- Teck Stacks : Python, numpy, Pandas, matplotlib, scikitlearn, Flask, Firebase, Javascript.

Coding Ninja

Oct 2021 - Jan 2022

Teaching Assistant

- Helped Students in solving their doubts in C++ language and mentored them.
- Got positive feedback from many students in their doubt solving.

PROJECTS

ApniCar | ReactJS, Redux, NodeJS, ExpressJS, MongoDB, Stripe Payment

[\[Code\]](#) [\[Live Project\]](#)

- Developed a web application using MERN stack, where an user can rent car on hourly basis.
- User can find all his bookings and all the details of booking and also implemented stripe Payment gateways for making the transaction of booking car.
- Filtering of data in mongodb is used when user search for cars and dynamically reflects.
- Created an Admin Panel, where all CRUD operations are implemented on database.

Recommendation System | Python, Flask, MongoDB, scikitlearn, ML Algorithms

[\[Code\]](#) [\[Demo Video\]](#)

- It is a Movie Recommendation system, in which I started with Content based recommendations that recommends movies based on movie genre.
- Created User and Item based Collaborative Filtering recommendation systems.
- Stacked content based recommendation and collaborative filtering models to build a Hybrid model.
- It provides all the information like title, cast crew, genres etc for the searched movie and gives the top movie recommendations based on your search.

A-Mazing game | NodeJS, ReactJS JavaScript, MySQL, Graph Algorithms

[\[Code\]](#) [\[Live Project\]](#)

- Interactive React application to play maze game based on various maze building and solving graph algorithms.
- Maze will be generated by user or by randomly and then selects the algorithm to get visualize path.
- This Project Visualizes all the major graph traversal algorithms like DFS , BFS and Dijkstra for getting paths.

TECHNICAL SKILLS

Languages: C++, Python, HTML, CSS, JavaScript

Technologies: NodeJS, ExpressJS, ReactJS, Redux, NextJS, MongoDB, MySQL, Firebase, Flask, Bootstrap

Other Skills: GIT, Figma, VS Code, Firebase, Heroku, WordPress

ACHIEVEMENTS

- Selected in **TOP 400** students all over India at **MICROSOFT ENGAGE 2022**.
- **Top Rated** on Upwork Freelancing Platform and done **38+ jobs** for clients around world wide.
- Rated **4 stars** at Codechef with a peak rating of **1818**.
- **Google** Kickstart Rank **2007** among 15000+ participants.
- Recieved Certificate of Excellence from Coding Ninjas.
- Global Rank **300** among 5000+ participants in April long Challenge.
- **700+** Questions on Leetcode with contest rating **1737**.