



Nihareeka Makwana

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🎯 Career Goal/ Objective

Highly motivated and results-oriented aspiring Data Science Engineer with a strong foundation in data analysis, programming, and machine learning principles. Eager to leverage academic knowledge and personal projects to contribute to a team environment and gain hands-on experience in building data-driven solutions.

🎓 Education

Bachelor of Technology – Computer Science & Engineering – 2022 - 2026

Charotar University of Science And Technology, Changa, India

SGPA – 8.5 / 10 (4th Semester)

Higher Secondary – 2022

Krishna Science School, Keshod, India

Percentage – 76%

👛 Professional Experience

05/2024 – 06/2024

Memento tech

Junagadh, India

Data Analytics

- **COVID-19:** This project is to develop a comprehensive data visualization system for COVID-19 data. By visualizing COVID-19 data, I aim to provide a versatile tool that leverages different types of data to present clear and actionable insights used to track and analyze the spread and impact of the virus.
- **The EDA for Amazon's e-commerce data:** This project is to develop a comprehensive data analysis system focused on exploratory data analysis (EDA) for Amazon's e-commerce data. By analyzing various datasets from Amazon, we seek to provide valuable insights into customer behavior, product performance, and market trends.

🧠 Skills

Programming Language

C++, Python, R, SQL, Java, MATLAB

Database Management

MongoDB, MySQL

Other Technology

Power BI, Tableau, Figma, Photoshop

Certification

Cisco Certification

(March 12, 2024)

NPTEL Certification (Elite)

(Jan-Mar 2024)

Infosys Certification

(Feb 11, 2024)

Red Hat Certification

(Feb 28, 2024)

Projects

Quote Guessing Game (using Web Scraping in Python):

Using python framework called BeautifulSoup and develop a guessing game using different data structures and algorithm.

Technology stack : requests, BeautifulSoup (bs4), csv, random, time (for delays, optional)

Scrape IMDB movie rating and details using Python and saving the details of top movies to .csv file:

Can scrape the IMDb movie ratings with the use of IMDb Modules Like requests, html5lib, bs4 and pandas; their details with the help of the BeautifulSoup library of Python.

Technology stack : requests, html5lib, bs4 and pandas

FastEat (Food delivery website application):

(Data base - MongoDB)

Schema design, Implement database schemas based on our application requirements. Set up CRUD operations for essential data entities, Optimize database queries and indexes, Fine-tune database configurations for improved efficiency, Implement database backups and disaster recovery procedures.

Technology stack : React (Front-end), Node.js/Express (Back-end), MongoDB (Database)

References

Prof. Krishna Patel, Assistant Professor, Computer Science and Engineering,

Charotar University of Science and Technology

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