SHIKHAR SINGH

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Education

Manipal University Jaipur, Rajasthan, India
• Bachelor of Technology   **2021-2025**
Computer Science Engineering specialisation **Artificial Intelligence** & **Machine Learning**
CGPA: **7.32(current)**
•**The Millennium School,India**   **2019-2021**
CBSE(Class XII)

Work Experience

TDP Vista | **Software Developer Intern**   **07/2023-09/2023**
- Worked on Flask APIs to integrate it with open source Database.
- Code optimisation totally based on Data Structures and Algorithm.
- APIs testing.

Skills: HTML/CSS, C++, Flask, APIs, Javascript, Python

Skills

LANGUAGES: C/C++ | Python/Flask | HTML | CSS
DEV TOOLS: Visual Studio Code | Git | Postman/Curl | Jupyter Notebook | Github
OTHERS: Data Structures and Algorithm | OOPs | Operating System | Computer Networks | DBMS

Projects

WEB SCRAPER   **Jovian** | **Github**
Developed a Python-based web scraper to extract data from GitHub-topics, specifically focusing on top repositories.
- Utilised the BeautifulSoup library to parse the HTML content of web pages.
- Employed the requests library to make HTTP requests and fetch web pages for scraping.
- Employed Pandas DataFrame to structure and manage the scraped data efficiently.

Tech/Tools: Jupyter Notebook, Python, BeautifulSoup, requests library, Pandas DataFrame

MOVIE-INFO-EXTRACTOR   **Github**
Developed a Flask API with API key authentication, allowing users to access movie details and a movie list from an open-source data source.
- Built a secure **Flask API** with **API key authentication.**
- Enabled users to retrieve movie details and access a list of available movies.
- Leveraged open-source movie data source for seamless functionality.

Tech/Tools: Python, Flask, Postman, Git, Curl

Certifications and Extracurricular Achievements

- **Certifications & Training: Software Conceptual Design**(NPTEL)**;Data Analysis with Python**(Coursera); **Python Data Structures**(Coursera); **Oracle Database Foundations** (Oracle); **Red Hat Certified System Administrator** in Red Hat OpenStack (Red Hat); Bootcamp Session on **AI by Intel.**
- **Participations & Achievements:** DeCrypt championship 2022(MUJ), Hackerrank 4* C++, Hackathons in **CodingNinja** and **GeekforGeeks.**
- **Languages:** English, Hindi.

Positions of Responsibility

MUJ Sports Club
• Part of a Cricket team and played tournament in college.