SOMANSHU SHARMA

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Bhopal, India.
LinkedIn
GitHub
LeetCode
CodeChef
Codeforces

EDUCATION

University Institute of Technology RGPV
B. Tech in Electrical and Electronics Engineering

July 2017 – July 2023
Bhopal, IN

Mount Carmel Convent School
ISC – 12th

May 2016 – May 2017
Bhopal, IN

PROJECTS

Movie Recommender System | LINK

- Developed a Content Based Movie Recommender System in **Python** and integrated with web app to recommend movies.
- Used TMDB dataset from Kagel to create the model and used cosine similarity as a metric for recommendation.
- Created the web app using **Streamlit** and deployed using **Heroku**.

Multiple Diseases Prediction Web App | LINK

- Built a Multiple Disease Prediction System using Machine Learning in **Python** which can predict diseases such as Diabetes, Heart Disease and Parkinson's.
- Used different machine learning techniques like svm, random forest, etc. for better accuracy of models.
- Created the web app using **Streamlit** and deployed using **Heroku**.

Review Scrapper | LINK

- Built a Review Scrapper using **Python** and **Flask** that would scrape reviews of any product from Flipkart website.
- Used Flask for building API and built a basic front end using **HTML** and **CSS.**

EXPERIENCE

Accenture Developer Program   *Ongoing*
- Learned understating priorities and formulating measurable requirements.
- Did Unit Testing and implemented tests for small code units and right access policies for different kinds of data.
- Conducted Security Maturity Assessment for a new client.

Yugoday Magazine | *Digital Marketing Intern*   *Nov 2020 – Feb 2021*
- Learned how to collaborate and coordinate in a team.
- Implemented different strategies for evaluating if the product is meeting the needs of consumer.

ACHIEVEMENTS

- **ICPC Regionals 2020:** *Qualified ICPC Amritapuri Regionals 2020 with a rank of 566.*
- **ICPC Regionals 2021 :** *Qualified and performed best with a rank of 218 out of 5,047 total teams. First ever team in my college to do so.*
- **Solved 600+ Problems** combined on different platforms like leetcode, codeforces, codechef, geekforgeeks.
- **3 star** at **Codechef.**
- **Secured AIR 341 out of 4000+ participants** in Innovative India Coding Championship (IICC).

SKILLS

Languages: C++, Python, Java
Frameworks/Libraries: FastAPI, Flask, Pandas, Numpy, Matplotlib, Sklearn.
Technical: Data Structures and Algorithms, DBMS, SQL, Data analysis and Interpretation.
Tools: Git, VS Code, PyCharm.