ATHARVA KULKARNI

Pune, Maharashtra

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Github	**Portfolio**	**LeetCode**
/Atharva7K	/Atharva7K.github.io	/atharva7kulkarni

EDUCATION

B.E Computer Engineering   2019 - 2023
- Zeal College Of Engineering & Research, Pune
- CGPA 9.6

Kendriya Vidyalya B.E.G Pune   2017 - 2019
- HSC - 82.00%

OPEN SOURCE CONTRIBUTIONS

- Contributed to MDAnalysis - open source Python library for molecular dynamics with 90+ developers
- Successfully merged 3 PRs in the main codebase - 2 enhancements and 1 bug fix with relevant unit tests
- PRs - #3496, #3511, #3491

PROJECTS

Crop Recommendation System | Python, Steamlit, Pandas, Scikit-learn
- Trained 8 different classification models on a dataset of 2200 crops
- Recommends most suitable crop to grow out of total 22 crops given soil and weather parameters
- Built a web app to interact with models using Streamlit library

Anime Recommendation | Python, Pandas, Flask, SQLite, HTML, CSS
- Calculated pairwise cosine similarity for 12k+ anime data points and stored in SQLite database for fast recommendation.
- Created web app that recommends 5 animes most similar to given input using Python and Flask

Multilingual Chat Room (ongoing) | Python, SocketIO, SQLite, Docker, HTML, CSS, jQuery
- Developed a chat room application with Python, Flask and SocketIO protocol
- Supports message translation for 100+ languages through Google Translate API based on client's language preference.
- Containerized the application using Docker to collaborate with 1 other developer

SKILLS

Languages	**Frameworks & Libraries**	**Databases**	**Tools & Others**
Python, HTML, CSS, JavaScript, Java	Pandas, Scikit-Learn, Flask, Seaborn, BeautifulSoup, Selenium, SQLAlchemy, SocketIO, Airspeed Velocity, PyTest	MySQL, SQLite MongoDB,	Git & GitHub, Docker, Linux, Jupyter, Problem Solving and DSA

COURSES AND CERTIFICATIONS

Coursera
- Python for Everybody Specialization
- Neural Networks and Deep Learning
- Java for Android

Kaggle
- Data Visualiztion
- Pandas
- Machine Learning

SOFT SKILLS

- Good listener
- Creativity
- Fast learner
- Interpersonal skills

ACHIEVEMENTS

- Zeal Excellence Award for good academic performance (2020)
- Achieved 2nd rank in DPhi's datathon to predict survival of patient