Anish Soni

Email | Github | LinkedIn

EDUCATION

Rajasthan Technical University, Kota
Kota, Rajasthan (11/2021 – Present)

Bachelor of Technology, Computer Science: **GPA: 8.51**
Relevant Courses: Linux, Artificial Intelligence, DBMS, SQL, Big Data Analysis, Engineering Mathematics, Human-Computer Interaction, Digital System Design, Design and Analysis of Algorithm, Computer Networks, Theory of Computation, Operating Systems.

WORK EXPERIENCE

Augmented Reality Designer, Snap Inc. (05/2023 – Present)
Responsibilities:

- Designing Lenses for Snap using Snap AR lens studio.
- Responsible for building and nurturing the community of students interested in Augmented Reality.

Sample Projects: (Github)

Real-Time Attendance System
- I made this for my university using Firebase for image storage and information retrieval from the backend.
- Preparing to extend this not just for students and faculty but also at each hostel and the university's main gate.

Flood Susceptibility Mapping using Hydrology Analysis (Arc GIS)
- Utilizing ArcGIS, I created a mapping project for flood-prone locations.
- Although it was only meant to be a fun endeavor, prominent academic members at our university took an interest in it.

Cancer Detection using Deep Learning (Image Classification for Healthcare)
- Constructed a project utilizing Keras Image Classification.
- CNN with automatic entire side analysis and SVM classifier were both used.

Algorithmic Trading with Python
- After reading a few books on quantitative finance, I dealt with time series data. I have used Performance Testing, Backtesting, Data pre-processing, Machine Learning, and many other complex concepts to get the intended outcome.

Gesture Volume Control
- This project was created using Hand Landmark Detection (Distance Mapping).
- The main drawback is that it cannot be used across vast distances and needs to be clarified with two palms.

Credit Card Risk Assessment
- This project was created with ML classifiers, Pandas, XGBoost Regressor, and Numpy.

TRAINING

Calories Burnt Prediction, National Institute of Electronics and Information Technology, Ropar, Punjab (06/2023 – 07/2023)
Under the supervision of Dr.Sarwan Singh, Joint Director, NEILIT Chandigarh.

- I took this project personally and created a Calorie Prediction toolbox using Flask and an effective, responsive design for my specific use case because I had started putting hours into my body due to an injury.
- The project was created to make it easier for a child to use & it predicts the outcome based on only four parameters.

AWARDS

- Received the State Government's Mathematical Genius Award.
- Runner up for the IIT-hosted hackathon where I created a “Lung Disease Prediction” website.

SOFTWARE SKILLS

PYTHON, MATLAB, R, Deep CNN, Open CV, Mediapipe, Scikit Learn, Keras, Linux OS, Excel, MONAI, ArcGIS, Remote Sensing, Firebase, HTML, CSS (Tailwind), Figma.