

# ANSHIKA CHAUHAN

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Dedicated and detail-oriented professional with a passion for data analysis and front-end development. Proficient in utilizing analytical tools and languages such as Python and SQL for data analytics and interpretation. Demonstrated ability to create visually appealing and user-friendly interfaces using HTML, CSS, and JavaScript.

## EDUCATION

### Bachelor of Technology, Computer Science and Engineering

Expected June 2025

Amity University Uttar Pradesh, Noida, India

- Management Team -Software Engineering Club

### PCM with Physical Education (CBSE)

July 2021

Dr. MPS World School, Agra, India

10<sup>th</sup> Marks: 93.8% | 12<sup>th</sup> Marks: 88.9%

## WORK EXPERIENCE

### Data Science Intern | CodersCave

January 2024 – February 2024

- Analyzed data to find useful information and patterns.
- Cleaned and prepared data for analysis ensuring accuracy and completeness.
- Build predictive models to forecast outcomes and tested their accuracy.

### Machine Learning Intern | Afame Technologies

April 2024 – May 2024

- Structured and arranged data, seeking patterns within it.
- Constructed models to forecast results and assessed their effectiveness through testing and refining.
- Contributed to enhancing models by generating new data features, thereby enhancing their predictive capabilities.

## TECHNICAL AND RESEARCH PROJECTS

### Pokémon Card Generator | GITHUB LINK

- Developed a web application using HTML5, CSS, JavaScript.
- Integrate APIs to generate Pokémon cards.

### The Simon Says Game | GITHUB LINK

- Developed a Simon Says game using HTML, CSS and JavaScript.
- Instructions: Press Start button to start the game. Pay attention to the pattern presented on the screen and repeat it. With each successful sequence, the game becomes more challenging

### Bangalore House Prices | GITHUB LINK

- Developed a web application predicting house prices in Bangalore, India.
- Built client-side interface using HTML, CSS, and JavaScript.
- Implemented server-side logic using Flask and trained machine learning **model** for predictions.

### Celebrity Face Classification Using OpenCV and Flask | GITHUB LINK

- Developed a Machine Learning Model implementing Grid Search to optimize result, incorporating OpenCV for face detection and preprocessing to ensure high accuracy.
- Implemented a Flask backend for handling image uploads and classification requests, and designed a user-friendly web interface for seamless user interaction and result display.
- Enhanced the application for real-time image processing and classification, achieving a balance between speed and accuracy for optimal user experience.

## Skills

- **Languages and Frameworks:** C, HTML, CSS, Python, JavaScript, SQL, Flask, OpenCV, Power BI
- **Machine Learning** (Regression & Classification), **Deep Learning** (RNNs, CNNs, Neural Networks), **Transfer Learning** (Model Training Technique)

## **CERTIFICATIONS**

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- Web Development Bootcamp by Devtown, Microsoft Learn Student Ambassador
- Data Science Course from IBM
- IBM Certified Python for Data Science, AI & Development
- IBM Certified Databases and SQL for Data Science with Python
- IBM Certified Machine Learning with Python
- Certified in Power BI

## **RELEVANT COURSEWORKS**

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- Machine Learning : Theory and Applications
- Deep Neural Networks
- Artificial Intelligence
- Analysis and Design of Algorithms
- Database Management Systems

## **Soft Skills**

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- Learner and Problem Solver
- Team Player
- Public Speaker and Self-Motivator