Anshuman Tiwari

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SUMMARY

To secure a challenging role as a software developer where I can apply my technical skills and knowledge to develop innovative solutions that align with the organization's goals. Enthusiastic and results-driven data scientist with a strong foundation in machine learning and data analytics. Eager to contribute my passion for uncovering actionable insights and solving complex problems through advanced statistical analysis and programming.

EDUCATION

MCA
Chitkara University · Rajpura,Punjab · 2024 · 8.2 cgpa

BCA
Chitkara University · Rajpura, Punjab · 2022 · 9.1 cgpa

12th
Minor in Non-Medical · M.D.A.V. Sr. Sec. Public school · Ambala , Haryana · 2019 · 76.6%

PROJECTS

Bird species classification
chitkara university · January 2023 - March 2023
· Developed an complete end to end bird species classification model using a neural network
· Streamlined the deployment process through the implementation of CI/CD pipelines and Docker containers, resulting in highly efficient and automated model deployment.
· Achieved 90.3% accuracy for bird species classification using VGG16 architecture of CNN.

House Price Prediction
chitkara university · August 2022 - September 2022
· Developed a robust and accurate machine learning model for House price prediction, adhering to industry-standard guidelines such as logging, and modular coding.
· Ensured a streamlined development process by integrating a CI/CD pipeline with GitHub Actions and Docker for efficient deployment and maintainability.
· Attained exemplary accuracy for house price prediction, that is 93.6% with RandomForest algorithm

Binary Image Classification using Deep Learning
June 2022 - July 2022
· Developed a deep learning model for binary image classification, accurately distinguishing between two classes of images.
· Employed techniques such as transfer learning and data augmentation to improve model performance and implemented a model using Python and TensorFlow.
· Attained accuracy of, that is 88.7% with VGG16 architecture

SKILLS

Programming Languages : Python
Machine Learning: Regression , classification and clustering algorithm , time series , Data Preprocessing ,Feature Engineering.
Deep Learning: Convolutional Neural Networks (CNNs), Transfer Learning , Pandas
DevOps: GitHub, Docker, CI/CD
Database and tools :   MySQL, Mongo Db(atlas Basic), NumPy , Matplotlib, Seaborn , Pandas.

INVOLVEMENT

Teaching and mentoring
Teaching and mentoring · June 2019 - Present
· Involved in teaching and mentoring school students

Event Manegment
Chitkara University · CSI (Computer society of India) · November 2019 - December 2020
· Organised and Managed various events