Anurag Kaushik *Data Scientist || AI/ML Engineer*

✉ anurag101703@gmail.com   📞 +91 8755939853   🔗 github.com/anurag1703   📍 Haridwar, India

in linkedin.com/in/anurag-kaushik

B-Tech graduate in Computer Science with expertise in Machine Learning and Data Science. I have developed and deployed impactful solutions, including churn prediction, tobacco mortality analysis, and Super Bowl player demographic insights. Proficient in Python, TensorFlow, HuggingFace, and MLOps tools, with hands-on experience in data analysis, predictive modeling, and real-time deployment. My internship experiences at various organizations have refined my ability to deliver high-quality AI solutions. Passionate about using data science to innovate and drive business success in the tech industry.

🎓 EDUCATION

Bachelor of Technology- Computer Science and Engineering,   Jul 2020 – Jun 2024
THDC Institute of Hydropower Engineering and Technology   Tehri, Uttarakhand, India
Percentage: 70.1%

🧠 SKILLS SUMMARY

Programming Languages:
Python, SQL.

Frameworks and Libraries:
TensorFlow, Keras, LangChain, HuggingFace, Transformers, Pandas, NumPy, Scikit-learn, OpenCV.

Tools & Platforms:
Jupyter, Google Colab, Streamlit, Power BI, Tableau, Grafana, Docker, DagsHub, Azure, AWS SageMaker, AWS EC2 Instance, Apache Airflow.

AI & machine Learning:
Neural Networks (CNN, RNN), Natural Language Processing (NLP), Computer Vision, Statistical Analysis, Feature Engineering, Exploratory Data Analysis (EDA).

MLOps Expertise:
Model Deployment & Optimization, MLflow, DVC, ETL Pipelines, Version Control (Git/GitHub).

📂 SELECTED PROJECTS

Tobacco Mortality Analysis for Public Health Strategy
- Developed advanced feature engineering techniques to analyze tobacco use trends, smoking cessation success rates, and affordability using demographic and financial data from 2004-2015.
- Implemented financial metrics and age-group-specific insights to model the impact of anti-tobacco initiatives.

Student Performance Prediction Model
- Designed a machine learning model to predict student outcomes based on demographic and test preparation data, improving accuracy in academic performance.
- Conducted Exploratory Data Analysis (EDA) to uncover key patterns and correlations, establishing a solid foundation for model development.

Super Bowl Players Analysis with Data Visualization
- Examined Super Bowl players' birthplaces and state populations using Python, revealing key geographical and demographic trends.
- Designed an interactive Power BI report to showcase correlations between player origins and state demographics.

Customer Churn Prediction Model using ANN
- Developed an ANN model using TensorFlow to predict customer churn, achieving **92%** accuracy.
- Applied advanced data preprocessing and feature extraction techniques to identify churn drivers, delivering actionable insights for organizational growth.

💼 PROFESSIONAL EXPERIENCE

Unified Mentor, *Data Science Intern*
Nov 2024 – present
- Designed and implemented end-to-end AI models for impactful data-driven solutions, including:
  - **Iris Classification.**
  - **Big Games Census.**.
  - **Tobacco Mortality Analysis**.
  - **Climate Change Modeling**.
- Applied advanced MLOps practices to ensure model reliability, accuracy, and scalability.

B.H.E.L HRDC, *Vocational Trainee(Machine Learning)* 🔗
Aug 2023 – Sep 2023
- Formulated a **Generative Adversarial Network (GAN)** for high-quality image generation, enhancing model capabilities.
- Utilized advanced data preprocessing techniques, resulting in a **95%** accuracy.

Bharat Intern, *Data Science Intern* 🔗
Oct 2023 – Nov 2023
- Created and executed stock price prediction models utilizing time series analysis, achieving an impressive **90%** accuracy.
- Refined Convolutional Neural Networks (CNN) for number recognition, attaining a remarkable accuracy rate of **97.84%**.

📚 COURSES

**Complete Machine Learning, NLP Bootcamp MLOPS & Deployment,** *Udemy* 🔗

Complete Generative AI Course With Langchain & HuggingFace(Ongoing), *Udemy*

Complete Data Analyst Bootcamp from Basics to Advanced, *Udemy* 🔗

Complete MLOps Bootcamp with 10+ End to End Projects(Ongoing), *Udemy*

🏅 HONORS & AWARDS

Volleyball FLY HIGH Tournament Champions,
THDC Institute of Hydropower Engineering and Tehnology 🔗
- Captained my team to victory in the inaugural season of the FLY HIGH inter-college volleyball tournament, showcasing strong leadership and team coordination skills.

Certificate of Merit- Volleyball Tournament,
School Games Federation of India(SGFI) 🔗
- Awarded by (SGFI) for outstanding sportsmanship and athletic ability, securing the third position in a volleyball tournament.