Ayush Chaubey

Gagan Dream, Nalasopara (East), Mumbai 401209

✉ chaubeyayush04@gmail.com 📞 +91 7028881954 in LinkedIn ⬡ GitHub 🌐 Portfolio

Education

Shree L.R. Tiwari College of Engineering   Oct 2021 – June 2025
Bachelor of Engineering in Computer Engineering   *Mumbai, Maharashtra*

Adarsh Education Society   Aug 2021
Higher Secondary Education   *Mumbai, Maharashtra*

Experience

Jobclassify (HR-Tech Startup), Mumbai | *Data Analyst (Part-Time)*   Aug 2024 – Feb 2025
- Developed ML pipelines and production features that improved candidate–job match accuracy by **30%**.
- Automated candidate screening workflows, saving **50+ hours/month** and increasing recruiter throughput.
- Built interactive dashboards (Power BI / Excel) that reduced reporting time by **40%**.

Research Paper

Foresight Realty: A Comprehensive AI-Powered Framework for Real Estate Investment Analysis Published
https://journals.mriindia.com/index.php/ijeecs/article/view/230
- Researched AI integration in real estate investment to enhance decision-making and efficiency.
- Applied ML predictive analytics to identify patterns, forecast trends, and uncover opportunities.
- Concluded AI optimizes strategies, improves risk management, and maximizes profitability.

Projects

Deep Fake Detection | *Python, OpenCV, Streamlit, Flask, TensorFlow/PyTorch*   **5 oct 2025**
- Built a deepfake detection pipeline supporting images, videos, and real-time data.
- Used MTCNN and Computer Vision for precise face detection, probability scoring, and annotated outputs.
- Developed a Streamlit-based UI and Flask API for real-time detection and deployment.

Handwritten Digit Classification using Keras | *Python, Streamlit, Plotly, Machine Learning, Deep-Learning(Keras)***22 Sep 202**
- Used the Keras Sequential model to build a multi-layer neural network.with 98 percent accuracy
- Applied Dense (fully connected) layers with ReLU activation.Used Softmax activation in the output layer for 10-class classification.

Movie Revenue Prediction | *Python, Streamlit, ML, XGBoost, Random Forest*   **25 Aug 2025**
- Built a machine learning model and Streamlit web app to predict a movie's box-office revenue based on features like budget, runtime, genre, and cast popularity.
- Applied regression algorithms (Linear Regression, Random Forest, XGBoost) for accurate revenue estimation.

Foresight Realty: Price Prediction | *Python, Flask, Machine Learning*   Jul 2024 – Apr 2025
- Led the project to develop a machine learning model predicting real estate prices using features like location, size, and amenities.
- Used regression techniques for price forecasting and deployed the model with Flask for real-time predictions.

Technical Skills

Languages: Python (Pandas, Numpy, Matplotlib),SQL
Developer Tools: VS Code, Eclipse, Jupyter, PyCharm
Technologies/Frameworks: GitHub,Prompt Engineering, NLP, Machine learning,TensorFlow,Keras,Pytorch,SCIKIT learn and etc
DSA: Python for AI/ML

On-Going Courses

IBM AI Engineering Professional Certificate   Aug 2025 – Present
- Industry-recognized certification program focused on AI, Machine Learning, and Deep Learning engineering.
- Covers end-to-end AI development lifecycle: data preparation, model building, optimization, and deployment.
- Hands-on experience with Python, scikit-learn, TensorFlow, Keras, PyTorch, and IBM Watson tools.
- Completed modules: Fundamentals of ML, Deep Learning concepts (CNNs, RNNs, LSTMs, GANs).
- Includes practical projects using real-world datasets and cloud-based AI tools.