

Krish Chaudhary

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Professional Summary

Self-motivated and detail-oriented Computer Science student specializing in Artificial Intelligence, with a strong foundation in machine learning, deep learning, and MLOps practices. Experienced in building and deploying scalable ML models using Python, TensorFlow, and Keras, with proficiency in managing reproducible experiments using MLflow and DVC. Skilled in developing full ML pipelines—from data preprocessing to model tracking, version control, and CI/CD deployment—using tools like GitHub Actions, Docker, and Flask. Passionate about solving real-world problems with data-driven solutions and continuously optimizing ML workflows for production readiness.

Technical Skill

Programming Languages: Python, C, Java, HTML, CSS, JS

Data Analysis & Machine Learning: Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, Plotly, CatBoost, XGBoost, LightGBM

NLP & Deep Learning: NLTK, SpaCy, Transformers, Hugging Face, TensorFlow, PyTorch, Keras, OpenCV Data

Analysis Tools: Tableau, Power BI, Streamlit, IBM Cognos

Development Environments: Git, VS Code, Spyder, Docker, PyCharm, Anaconda, Jupyter Notebook, Eclipse, Visual Studio, GitHub Actions

Database Management Systems (DBMS): MySQL, Oracle DB, PostgreSQL, MongoDB

MLOps: MLflow, DVC, GitHub Actions, Docker, FastAPI, Flask

Soft Skills: Analytical Thinking, Problem-Solving, Communication, Team Collaboration

Other Skills: Business Analysis, Data Analysis, Data Pipeline Development, Model Deployment

Certification

IBM Data Analyst Professional Certificate, Multidimensional Data Modelling, Accenture Job Simulation, Gen AI For Data-Driven Business Decision-Making from IIM Mumbai

Experience

INeuron Data Analyst (Remote)

June 2024 – Jul 2024

- Explored crop production trends across 646 districts by preprocessing over 1.5 million data points using Python, revealing high-yield crops.
- Used Power BI for validation and visualisation, pinpointing Uttar Pradesh as the leader in sugarcane and wheat production, alongside regional and seasonal trends.
- Created reports on cultivation practices and post-2010 yield declines, offering insights to optimise yields, with sugarcane, potato and coconut leading.

Abhay Engineering Business Analyst (Mehsana, Gujarat)

April 2025 – May 2025

- Engineered OrderEasy Analytics, a comprehensive solution tailored for MSMEs to streamline order processing, live tracking, and delivery workflows, cutting manual errors by 90%.
- Developed actionable dashboards with **RFM analysis, CLV, and linear regression**-based sales forecasting, enabling data-driven decisions that increased **customer retention by 20%** and boosted **monthly revenue by 35%** through targeted strategies.
- Enhanced operational scalability by developing a secure cloud-based document storage system and customizable Excel export features for orders, deliveries, and revenue, **reducing document retrieval time by 40%** and enabling seamless compliance and business planning for MSMEs.

Projects

Hand Digit Classification with CNN Neural Network | TensorFlow-Keras

- Developed a convolutional neural network using the MNIST dataset, achieving **99.31%** test accuracy for handwritten digit recognition (0-9)
- Built a Flask web app with real-time digit prediction, incorporating image preprocessing for grayscale conversion, normalisation, and centring.
- Implemented data augmentation, **EarlyStopping**, and **ReduceLROnPlateau**, with a prediction system displaying confidence scores and probability charts.

OrderEasy Analytics - Smart Order processing solution | Streamlit, Plotly, Flask

- Developed a Streamlit-based platform for **order management**, enabling Live order creation, tracking, and delivery management for MSMEs like **Abhay Engineering**.
- Integrated secure **Online document repository for e-way bills** and delivery documents, with customizable Excel report exports filtered by status or date range.
- Built interactive dashboards with Plotly for revenue, **customer lifetime value**, product performance, and **RFM analysis**, driving data-driven business decisions.

FaceGeo - Revolutionising Attendance Management Flask | Supabase, HTML/CSS/JS, Flask

- Built a smart attendance system using facial recognition and geo-fencing for secure, real-time check-ins (Flask, Supabase)
- Developed role-based login and dashboards, integrating Supabase for attendance records and organisational control
- Enabled dual-layer authentication using facial recognition and GPS validation, reinforcing fraud prevention with a robust fallback mechanism for uninterrupted access.

Education

Parul University

B.Tech Computer science engineering – Artificial intelligence (4-Year)

Vadodara, Gujarat

June 2023 – 2027

Jawahar Navodaya Vidyalaya Mehsana

Higher secondary

Mehsana, Gujarat

June 2022 – Mar 2023