AJAY CHAUDHARY

Data Scientist

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EDUCATION

Bachelor of Computer Application
Ch. Charan Singh University
📅 2023 - Present

Senior Secondary(12th)
Kendriya Vidyalaya Bulandshahr
📅 2021 - 2022

High School(10th)
Kendriya Vidyalaya Bulandshahr
📅 2019 - 2020

KEY ACHIEVEMENTS

Full Stack Data Science Certification
iNeuron Intelligence Pvt. Ltd. – 2025

Completed an industry-aligned program with practical experience in building and deploying ML and DL projects.

SKILLS

Python | SQL | Pandas

NumPy | Matplotlib

Seaborn | Scikit-learn

TensorFlow | Keras | PyTorch

OpenCV | NLP | Flask

MongoDB | VS Code | Git

Power BI

STRENGTHS

Key Attributes
Quick learner with strong problem-solving skills, a detail-oriented mindset, and a passion for applying AI to real-world challenges.

SUMMARY

Results-driven and detail-oriented BCA graduate with a solid foundation in Python, SQL, and full-stack data science. Proficient in developing scalable and efficient machine learning and deep learning models, with hands-on experience in solving complex real-world problems such as fraud detection and OCR-based number plate recognition. Well-versed in industry-standard frameworks like TensorFlow, PyTorch, and Detectron2, with strong skills in deploying AI solutions using Flask, FastAPI, and modern front-end tools like Next.js. Demonstrated ability to lead end-to-end AI project development — from data preprocessing to model deployment — with a focus on innovation, performance, and usability. Deeply passionate about leveraging data and technology to build intelligent systems that drive meaningful impact.

INTERNSHIPS & PROJECTS

Motitering system using Facial recognition
Self-initiated Project   📅 2025

- Built a smart monitoring system using **facial recognition** for real-time identity verification and attendance tracking.
- Utilized **OpenCV** and **face recognition libraries** to detect and recognize faces from webcam input
- Designed a user-friendly interface and ensured high accuracy in various lighting conditions.

Brain Tumor Detection CNN
iNeuron.ai   📅 2025

- Developed a deep learning model for **MRI brain tumor detection** using convolutional neural networks (CNN).
- Preprocessed image data using resizing, normalization, and augmentation techniques to improve model generalization.
- Achieved high accuracy by fine-tuning hyperparameters and applying dropout for regularization
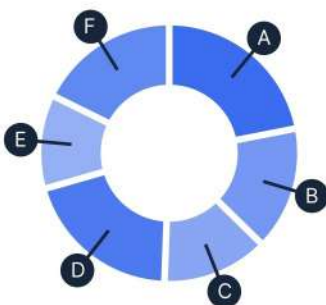- Evaluated model performance using key metrics and visualizations.

Credit Card Default Prediction
iNeuron.ai   📅 2025

- Completed a project on **Credit Card Default Prediction** using machine learning techniques.
- Applied end-to-end data science processes adhering to industry standards.
- Showcased a strong ability to quickly learn and implement new concepts.

MY TIME

- **A** Learning (ML/DL/NLP)
- **B** Coding (Python/SQL)
- **C** Exploring Tools (Flask,Git, etc.)
- **D** Coding Practice (Python, SQL, problem-solving)
- **E** Reading Research Papers & Blogs
- **F** Personal Balance – Short breaks, reading non-tech