Kalash Tejendra Gajjar

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Data Engineering | Software Development | AI/ML | Aspiring IT Professional

Motivated and detail-oriented IT graduate with a strong foundation in data engineering, machine learning, and full-stack development. Proven experience with real-world projects involving data pipelines, deep learning, and responsive web applications. Passionate about solving complex problems through technology and continuously expanding technical expertise.

EDUCATION

Advance Diploma in Software Engineering Technology – Artificial Intelligence
Centennial College | Jan 2023 – Apr 2025
GPA: 3.965/4.5 (Honors)

TECHNICAL SKILLS

- **Languages & Tools:** Python, SQL, MySQL, SQLite, Docker, React.js, Power BI, Excel
- **Libraries & Frameworks:** Pandas, NumPy, TensorFlow, Matplotlib, Seaborn, Plotly
- **Data Engineering:** ETL, Data Cleaning, Integration, Pipeline Development
- **AI/ML:** Supervised Learning, Deep Learning, Computer Vision, NLP
- **Database Systems:** Query Optimization, Data Modeling, Indexing
- **Visualization:** Dashboards, Reports, Interactive Data Visuals

PROJECTS

- **Brain MRI Detection using Deep Learning**
  Developed a deep learning model to detect abnormalities in brain MRI scans, using CNNs and EfficientNetB3 to improve diagnosis efficiency.
- **Virtual Try-ON for Clothes**
  Built an AI-driven system to enable virtual try-on of clothes, leveraging computer vision and machine learning to enhance user experience using VAEs, MediaPipe and OpenPose.
- **Mental Health Chatbot and Sentiment Analysis**
  Created a chatbot to assist users with mental health support, integrated with sentiment analysis to evaluate user emotions and provide context-aware responses.
- **Oasis Hotel Reservation Website (React.js)**
  Developed a full-stack hotel reservation system, utilizing React.js for the front-end and integrating MongoDB based databases for back-end management.
- **Amazon Dataset Reviews Sentiment Analysis**
  Implemented a sentiment analysis model to classify product reviews, helping to gain insights from large datasets using NLP techniques.

ADDITIONAL INFORMATION

- Strong communication and teamwork abilities; experienced in collaborative and independent environments.
- Quick learner with passion for innovation and emerging tech.
- Seeking full-time opportunities in software development, AI/ML, or data engineering.