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EDUCATION

- **Applied ML And AI** | Conestoga | Kitchener | Going on
- **BSc.IT** | Veer Narmad South Gujarat University | Gujarat, India | 2023
- **Diploma of Data Analysis** | Future Vision Computer | Gujarat, India | 2023
- **Diploma of Deep Learning** | Future Vision Computer | Gujarat, India | 2023

SUMMARY

As an accomplished data scientist with **one year** of experience, I excel in natural language processing, computer vision, Deep Learning, time series forecasting, predictive modelling, and statistical analysis. My proficiency in Python, SQL, and Visualization technologies (Power BI and Tableau) enables me to implement data-driven solutions that drive business success.

EXPERIENCE

Future Vision Computer Data Analyst Teacher

As a Data Analyst Tutor at Future Vision Computer in Surat, India, I played a pivotal role in mentoring budding data analysts. I provided comprehensive training in data analysis, focusing on tools like Python and R, and key libraries such as NumPy, pandas, and Matplotlib for data manipulation, analysis, and visualization. Through hands-on sessions, I facilitated practical learning, offering insights into real-world data analysis challenges. My teaching approach emphasized effective communication and personalized guidance, enabling students to grasp complex concepts and develop essential skills. I also contributed to curriculum enhancements, ensuring students were well-prepared for success in the dynamic field of data analysis.

PROJECTS

- **Stock Pulse**
 - Stock Pulse, my deep learning diploma project, is an AI-powered website featuring an **LSTM model**. It analyzes historical stock data, offering predictive insights for investors. The project enhanced my skills in deep learning, web development, and data analysis, utilizing Python, TensorFlow, and react to create a valuable financial analysis tool.
- **Whatsapp Chat Analyzer**
 - I created the 'WhatsApp Chat Analyzer,' a **data analysis project using Streamlit**. This application enables users to upload and analyze WhatsApp chat logs easily. It enhances my skills in data analysis and presentation, combining Python, Streamlit, and data visualization tools. This experience highlights my proficiency in delivering practical data analysis solutions for everyday communication data, reinforcing my commitment to user-friendly data applications.
- **Cat vs. Dog classifier**
 - I employed transfer learning to create a Dog-Cat Classification Model, fine-tuning pre-trained neural networks like **VGG16 and ResNet**. This project showcased my prowess in deep learning and computer vision, achieving precise classification between dogs and cats, highlighting my expertise in model adaptation and image recognition."

SKILLS

- **Programming languages / Databases:** Python, C++, C, PHP, JavaScript, MongoDB, SQL, Oracle, NoSQL
- **Libraries and frameworks:** TensorFlow, Keras, PyTorch, NLTK, Scikit-learn, Plotly, Matplotlib, Seaborn, Pandas, OpenCV, CNN, RNN, LSTM, Transfer Learning, Regression, Classification, Decision trees, Random forests, SVM, XGBoost, AdaBoost, Clustering, ARIMA
- **BI and Analytics tools:** Power BI, Google Analytics, Tableau
- **Cloud platforms:** Google Cloud
- **Other tools and technologies:** Git, GitHub, Django, Flask, Microsoft Office (Excel, PowerPoint), Linux, WordPress