DEVAM K. JANI

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PROFESSIONAL SUMMARY

Impassioned data analyst skilled in SQL, Advanced Excel, data visualization, and Python who developed expertise in data extraction, transformation, and analysis through 2+ years of hands-on, guided/unguided projects, along with analytical and technical abilities to deliver data-driven insights and visualizations.

EDUCATION

Master of Applied Computing, University Of Windsor, Ontario, Canada — May 2022 - Aug 2023
Bachelor of Computer Science and Engineering, Parul University, Gujarat, India — Jun 2017 - May 2021

SKILLS

Programming Languages. Python, R, SQL, Java, LaTex
Databases. MSSQL, MySQL, MongoDB, PostgreSQL
Libraries/Frameworks. Scikit-learn, Tensorflow, OpenCV, matplotlib, plotly, CNN, RNN, RestAPI, Docker, Linux
Tools. Git, GitHub, Advanced MS-Excel, UNIX Tools, Shell Scripting, Jupyter NoteBook, SSMS, MS-Suite, JIRA, VS Code, Google Colab
Data Analysis. Data Mining, Data Cleaning, Data Preparation, Statistical Analysis, Predictive Analysis, Time Series Forecasting, Statistics, Pattern Recognition, Data driven details
Visualization Tools. Power BI, Tableau, Google Data Studio
Cloud Platform. Microsoft Azure, AWS, Heroku
Core Competencies. Communication, Documenting, Reporting, Analytical problem solving, Business acumen, Time optimization, Critical thinking

EXPERIENCE

Technical Support Specialist — Sep 2023 - Present
Apple Inc. (KellyConnect) — *Remote*

- Utilized company-provided documentation, procedures, tools, and manuals to deliver comprehensive technical support for hardware and equipment issues.
- Performed daily application system maintenance, identifying and troubleshooting problems, and ensuring timely issue resolution
- Demonstrated exceptional written and verbal communication skills in handling email correspondence & calls.
- Gathered relevant customer and technical information to determine appropriate support level and escalated complex issues as necessary.
- Analyzed recurring problems to identify patterns and provided valuable input to development teams for process improvements.

Data Scientist Intern [GitHub] — Aug 2020 - Oct 2020
SmartKnower — *Mumbai, India*

- Developed a comprehensive COVID-19 data analysis pipeline leveraging Python, Pandas, and Scikit-learn, delivering accurate forecasts with 66.96% test accuracy by implementing Holt's linear model.
- Engineered an end-to-end convolutional neural network model for image classification on the CIFAR-10 dataset, achieving 66.85% validation accuracy through optimizations.
- Constructed insightful visualizations and performed statistical analyses on COVID-19 data, unveiling trends, mortality rates, and active/closed case distributions across countries and regions.
- Conducted exploratory data analysis and predictive modeling on time-series COVID-19 data, employing regression techniques (Linear Regression and identifying optimal parameters for 95% training data.

PROJECTS

International Debt Analysis Using SQL [GitHub] *Self-guided*
Used: Windows, PostgreSQL, Jupyter, Python

- Gathered comprehensive international debt data for 124 countries (¿90% global population) using Python, SQL.
- Performed thorough data cleaning, handling 85% missing values, outliers, and inconsistencies for accurate debt analysis.
- Implemented advanced visualizations with Matplotlib, Seaborn for interactive dashboards on debt trends, interest/principal repayments.

Real-time Data Streaming for Stock Market Prediction [GitHub] *University Of Windsor*
Used: Linux, Python, LSTM, Tensorflow, YFinance, Amazon s3, SageMaker, Tableau

- Engineered the pipeline ingesting real-time stock data from Yahoo Finance API, capturing ¿95% global trading activity.
- Extracted 20+ technical indicators as features, boosting model accuracy by 12% and reducing training time by 15% through optimized feature engineering.
- Implemented a scalable TensorFlow pipeline with LSTM networks for real-time data preprocessing, distributed model training, and trading signal generation.

Movie Recommendation System using Hadoop [GitHub] *University Of Windsor*
Used: inux, Hadoop, HDFS, MapReduce, HTML, CSS, Javascript, Java

- Extracted, processed 1M+ movie entries from GroupLens using optimized HDFS Java algorithms, reducing processing time by 75%.
- Designed Java recommendation engine suggesting 5 movies based on user genres with 90%+ accuracy in extensive user testing.
- Developed user-friendly web interface in HTML/CSS/JS integrated with recommendation engine for personalized movie suggestions.

EXTRA-CURRICULAR ACTIVITIES

- **Finalist, I-STORM State-Level Hackathon (2020):** Achieved finalist status in the I-STORM hackathon competition at the state level, working in a team of two to develop a healthcare solution leveraging blockchain technology, demonstrating proficiency in rapid prototyping, innovative thinking, and a deep understanding of emerging technologies.
- **Volunteer Organizer, Coding Competition (2019):** Collaborated in a team to build an innovative robot car capable of detecting colors and executing specific movements based on the identified colors, showcasing technical skills and problem-solving abilities.
- **Participant, IIT Techfest (2018):** Contributed to the successful execution of a coding competition held at the university by volunteering as an organizer, gaining valuable experience in event planning, coordination, and ensuring a seamless experience for participants.