

Aditya Patel

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SUMMARY

Result-driven professional with a passion for data science, seeking to embark on my journey in this evolving field. My dedication drives me to continually develop industry-specific skills and educate myself with the required knowledge. My learning is not limited to data science, but also extends to science, engineering, and finance. With a commitment to precision and a thirst for knowledge, I am poised to make a significant contribution to the world.

SKILLS

Programming Languages : Proficient in Python, R, and SQL.
Data Analysis Tools and Frameworks: PowerBi, Scikit-learn, Numpy, Pandas, Excel
Technical Skills : Data Analysis, Data Visualization Techniques, Data Manipulation.

Professional Experience

Business Analyst Feb 2022 - Mar 2023
Capline Services India

- Effectively utilized **SQL** for our Healthcare provider and Insurance company databases, rigorously maintaining and updating **tables** to ensure the accuracy and integrity of data for Healthcare Providers
- Delivered monthly updates to the Healthcare Providers, showcasing data through meticulously prepared **Excel** charts

Senior Business Development Associate Dec 2019 - Jul 2021
Byjus Think & Learn, Pvt. Ltd. New Delhi, India

- Strategically executed both pre-sales and sales activities in **B2C** sales, employing proactive **cold-calling** techniques. Conducted client visits and prospect visits to foster relationships and drive sales. Utilized **CRM** software like **LeadSquare** for efficient lead management, while maintaining meticulous data organization and sales activity tracking through **Google Sheets**.

EDUCATION

M.S. in Data Science Jan 2019 - Present
NJIT - Ying Wu College of Computing Newark, NJ

- Relevant Coursework: Machine learning | Deep learning | Big Data | Data Mining & Analytics | Data visualization

Bachelor of Technology, Mechanical Engineering Aug 2015 - Jul 2019
Dr. A. P. J. Abdul Kalam Technical University India

- Relevant Coursework: Calculus | Probability and Statistics | Discrete Mathematics

PROJECTS

American Sign Language (Computer Vision to Audio)

Implemented a Machine Learning project in Computer Vision dedicated to American Sign Language interpretation. Employed a CNN model with 27 classes, including 26 letters and one blank category. Utilized resource optimization strategies to achieve an impressive 93% accuracy. The system efficiently translates Computer Vision input into audio output using Google Text-to-Speech (gTTS), demonstrating the practical application of machine learning in communication facilitation. Streamlined data preprocessing, leveraging remove.bg in Python for an 87% size reduction and enhanced model runtime. Ensured seamless collaboration by hosting the project on GitHub for efficient version control and collaboration.

Universal Athlete Contract Database Management:

Developed an SQL-based Database Management System optimizing athlete contract data retrieval. Leveraged generative AI to generate synthetic data, ensuring model robustness while prioritizing privacy considerations. The system disruptively eliminates intermediaries in sports transactions, connecting players directly with clubs, thus circumventing traditional intermediaries, scouts, and agents.

CERTIFICATIONS

Bloomberg Market Concepts Sep 2023 - Present
Corporate Finance Institute® (CFI) May 2021

EXTRACURRICULAR ACTIVITY

- Held leadership roles in multiple college organizations including ISTE, SAE, and Student Activity Council during undergraduate studies