

# 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, 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
  - Utilized 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
  - Executed strategic **pre-sales** and **sales** initiatives in **B2C** sales using proactive **cold-calling techniques**, fostering relationships through client **visits** and prospect interactions.
  - Drove monthly sales to an **average of \$8,000**, with the **highest achieving \$12,000**.

## EDUCATION

- M.S. in Data Science**Sep 2023 - 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 Interpretation with Computer Vision**

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

- Corporate Finance Institute® (CFI)**May 2021  
**AWS Cloud Practitioner**

## EXTRACURRICULAR ACTIVITY

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