



# Abhijeet Raj Modanwal

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## PROFESSIONAL SUMMARY

IT Graduate with hands-on experience in Python, SQL, and Excel-based data processing. Proficient in designing automation solutions and data workflows using Azure Data Factory, Databricks, and Synapse. Demonstrated success in real-world projects across education and legal domains with strong skills in data handling and reporting.

## EXPERIENCE

### Open Minds – A Birla School, *Data Administrator*

Oct 2024- Present

- Converted student and library data to Excel using Python, updated attendance logs via SQL, and automated data tasks for academic reporting.

### Ballard Spahr, *PDF Processing & Automation*

Nov 2023- Nov 2024

- Handle scheduling, email authentication, logging, SQL interaction, PDF manipulation, and startup shortcuts, executing diverse tasks efficiently.

### The Sparks Foundation, *Data Science Intern*

March 2021- June 2021

- Analyzed and visualized data, built predictive models, and provided actionable insights to support business strategies and decision-making.

### Cetpa Infotech Pvt. Ltd., *Data Science using Python Intern*

Feb 2020- Aug 2020

- Developed a data processing, analysis, and visualization framework using Python libraries and algorithms for accurate and insightful data exploration and predictions.

## PROJECTS

### • Data Automation |

[abhijeetraj22/OMK\\_Project\(github.com\)](https://abhijeetraj22/OMK_Project(github.com))

[Oct 24 – Present]

Role: Data Administrator, **Tech Stack:** Python, MS Excel, Word, SQL. Developed a Python automation tool to convert marksheets and library data from TXT to Excel, update attendance via SQL, and streamline academic reporting for exams and administration.

### • Azure Data Engineering Project |

[abhijeetraj22/Azure\\_Project\(github.com\)](https://abhijeetraj22/Azure_Project(github.com))

[Oct 24 – June 25]

**Tech Stack:** ADF, Databricks (PySpark), Azure SQL, Blob Storage, Synapse, Power BI, SQL, ARM Templates  
Azure Data Engineering Pipelines (ADF, Databricks, Synapse): Built end-to-end Lakehouse and ETL pipelines ingesting CSV data from GitHub and Blob Storage, transforming with PySpark and SQL, storing in ADLS Gen2 and Azure SQL, and enabling analytics via Synapse and Power BI.

### • PDF Processing & Automation |

[abhijeetraj22/PDF-Processing-Automation-Ballard-Spahr\(github.com\)](https://abhijeetraj22/PDF-Processing-Automation-Ballard-Spahr(github.com))

[Nov 23 – Nov 24]

Role: Developer, **Tech Stack:** Python, MS-SQL, Schedule, Log, Pillow. This project performs various tasks such as scheduling script execution, sending authenticated emails, handling logging and errors, interacting with SQL databases, renaming and merging PDF files, and creating startup shortcuts.

## SKILLS

- Python
- SQL/MS-SQL/SQLite
- Git/GitHub
- Data Analysis: Pandas, NumPy, Excel.
- Machine Learning: Scikit-learn.
- Data Cleaning
- Data Visualize: Matplotlib, Seaborn.
- C/C++
- Tableau/ Power BI

## EDUCATION

### Dr APJ Abdul Kalam

Technical University - MCA

Computer Science.

7.41 CGPA

Aug 2017 - Sep 2020

- Quiz System Application Project

### Magadh University - BCA

Computer Science.

68.1%

Aug 2014 - Aug 2017

- Bank Management System Project

## SOFT SKILLS

- Teamwork
- Leadership
- Creativity
- Time Management
- Problem-solving

## ACHIEVEMENTS

- [Data Science Foundations](#)
  - IBM (Jun 22 – Aug 2023)
- [ML AL Skills Challenge](#)
  - Microsoft (Aug 2023)
- [Accenture Developer Program](#)  
[Tata Group's Data Visualization](#)
  - Forage (Jun 2023)
- [Python, SQL, DV & ML](#)
  - Kaggle (Apr – Dec 2022)
- [Deep Learning: PyTorch \(GANs\)](#)  
[Data Analysis: Python to Pandas](#)
  - Jovian.ml (Oct 20 - Jan 2021)