

# M A Pawan Kumar

Email: pawankumar.ma24@gmail.com | Tel: +91-7013492804 | Age: 24 | Male | [Linked In](#)

## PROFESSIONAL EXPERIENCE

### Trianz Holdings Digital Pvt Ltd

July 2021–Aug 2023

*Trianz helps leaders and organizations reimagine value to stakeholders and transform with digital technologies.*

#### Software Engineer | Data Analytics

At Trianz, a dynamic leader in digital transformation. I played a key role as a Software Engineer in Data Analytics domain, contributing to transformative projects and ensuring seamless integration of cutting-edge technologies. Here's a more detailed breakdown of my responsibilities and achievements:

- **Technology Training:** Completed a 6-month program, gaining proficiency in Python, SQL, Power BI, Tableau, data analysis techniques, and Advanced Excel for efficient data processing and analysis.
- **Visualization Reports Development:** Developed impactful visualization reports using Power BI, showcasing a keen eye for data presentation and analytics. These reports were instrumental in conveying complex information in a user-friendly manner.
- **Project Contributions:**
  - Information Security Compliance Project:** Led and actively contributed to the Information Security Compliance Project, ensuring adherence to industry standards. Implemented Row Level Security using Power BI Service to enhance data protection.
  - Talento Request Project:** SQL Analysis for Direct Query: Utilized SQL for in-depth analysis in the Talento Request Project, where Direct Query loading in Power BI demanded a deep understanding of database structures. This involved optimizing queries for efficient data retrieval and ensuring the seamless integration of real-time data into the Power BI dashboard.
  - Integration with Trianz Portals:** Successfully integrated the developed dashboard into Trianz Portals, enhancing accessibility and ensuring a seamless user experience across the organization.
  - Regional Revenue Data Analysis Project:** As part of the Regional Revenue Data Analysis project, I conducted in-depth analysis of regional revenue data using Python Pandas for data cleaning and incorporating statistical and exploratory data analysis techniques. Subsequently, I leveraged Power BI to develop a high-level dashboard tailored for managers across diverse locations. This dashboard provided a comprehensive view of key performance indicators.
- **Security Implementation:**
  - Row Level Security:** Enabled Row Level Security using Power BI Service to ensure data confidentiality and restrict access to sensitive information based on user roles.
  - Automation with Power Automate:** Leveraged Power Automate tool for automation purposes, enhancing efficiency and reducing manual efforts in security protocols and data processes.

## EDUCATION

- **Bachelor of Technology** (Computer Science Engineering) 2017 - 2021  
Institute of Aeronautical Engineering (IARE), Telangana, India with a CGPA of **7.8/10.00 - Top 15%**
- **Senior Secondary Certificate Examination**(Telangana board of intermediate education) 2015 - 2017  
Vivekananda Junior College, India with overall score of **83.5% - Top 10%**
- **Higher Secondary Certificate Examination** (Telangana board of intermediate education) 2014 - 2015  
Fatima Convent High School , India with a GPA of **8.3/10.00 – Top 10%**

## TECHNICAL SKILLS

- |                                |  |
|--------------------------------|--|
| • <b>Programming Languages</b> | Python, C, SQL, R Programming (Fundamentals)   |
| • <b>Data Visualization</b>    | Microsoft Power BI, Tableau, Python Libraries ( Matplotlib, Seaborn, Plotly )          |
| • <b>Data Analytics</b>        | Data Science Fundamentals, Statistics, Regression Analysis, Machine Learning SL Models |
| • <b>Data Analysis</b>         | Excel, Google Spreadsheets, Data Modelling, Exploratory Data Analysis                  |
| • <b>Database Management</b>   | MySql  |

## CERTIFICATIONS AND COURSES

- IIT Madras GUVI Data Science Course.
- Google Advanced Data Analytics Professional Certification.
- Microsoft Certified - Azure Data Fundamentals DP – 900.
- Google Data Analytics Professional Certification.
- Hacker-Rank Python Fundamentals Certification.
- Hacker-Rank SQL Fundamentals Certification.
- Foundations of Data Science

## PERSONAL PROJECTS

---

- **Redbus Data Scraping with Selenium & Dynamic Filtering using Streamlit:** Used Selenium to extract bus details from 10 different states, automated the data storage process in MySQL, and developed a Streamlit app for real-time filtering and visualization.
- **DataSpark: Illuminating Insights for Global Electronics:** Conducted data cleaning, preprocessing, and EDA using Python, pushed data into MySQL, connected MySQL to Power BI, and developed a Power BI dashboard for retail analytics in the global electronics industry.
- **Cyclistic Bike Share Analysis (Google Capstone Project)**  
Analyzed bike share data for Cyclistic, a fictional Chicago-based company, using Python and Microsoft Power BI. Provided actionable insights for strategic decision-making.
- **IBM Capstone Project**  
Conducted comprehensive data analysis using Python Pandas and Microsoft Power BI for a fictional scenario, enhancing decision-making processes.
- **Sentiment Analysis Using Twitter Data in Python**  
Developed a Python-based sentiment analysis project, exploring public opinions on Twitter.
- **Credit Card Fraud Detection Project**  
Implemented Artificial Neural Networks and Random Forests algorithms in Python for a robust credit card fraud detection system.
- **Crunchbase Investment Data Report & Dashboard**  
Created an interactive investment data report and Dashboard using Microsoft Power BI, analyzing Crunchbase data for insights.

## ACHIEVEMENTS

---

- **HackerRank Recognition :** Achieved 4 Stars in Python and 5 Stars in Sql on the HackerRank platform.
- **Rubik's Cube Competition :** Secured a Top 10 position in the Geetanjali Cube Open 3x3 Rubik's Cube Competition.
- **Research Publication :** Published a research paper in IEEE Xplore, showcasing dedication to academic and research pursuits.

## EXTRA – CURRICULAR ACTIVITIES

---

- **Chess Triumphs:** Winner at MLR Sports Meet, Vice-Champion at IARE Ciyaraah 2K18 Sports Fest. Maintained competitive ratings on Chess.com: 1900 (Rapid), 1500 (Blitz), and 1300 (Bullet)
- **Speed-Cubing Expertise:** Record-holder in multiple categories at WCA (World Cube Association) Competitions, including 3x3x3 Rubik's Cube in 13.30 seconds, 3x3x3 One-Handed in 24.24 seconds, Skewb in 9.60 and Pyraminx in 8.70.