

Manoj Kumar Talreja

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Summary

A passionate Computer Science graduate with a strong interest in data science and data analytics. Seeking a full-time role where I can apply my data analysis skills, contribute to impactful projects, and continue growing my expertise in data science.

Education

Bachelor of Science in Computer Science (BSCS)

Shaheed Zulfikar Ali Bhutto Institute of Science & Technology | 28-09-2021 – 10-07-2025 | CGPA-3.06

- **Relevant Coursework:** Data Science, Data Mining, Artificial Intelligence, Database Systems, Data Structures and Algorithms, Object oriented programming (OOP), computer networks and data communication, Information security, Ethical hacking, Operating Systems, and Software Engineering and testing,

Experience

Data Science Intern — Shine Humanity

Nov 2025 – Jan 2026

- Worked on data cleaning, preprocessing, and transformation using Excel, Power BI, and REDCap to enhance data reliability.
- Assisted in managing and updating REDCap datasets for improved data quality.
- Designed clear and concise analytical summaries to support operational decision-making.
- Collaborated with the data team to automate reporting flows and improve data accuracy.

Part Time work—Freelancer

Nov 2024 – Present

- Developed interactive Power BI dashboards to support data driven insights and strategic decision making.
- Engaged in algorithm design and optimization, solving complex computational problems.
- Created user focused UI/UX prototypes for web and mobile platforms using Figma.
- Assisted in finite automata-based project development, applying theoretical computer science concepts to practical implementations.

Skills

Data Science Skills

- Data Analysis: Pandas, NumPy, Excel
- Visualization: Matplotlib, Seaborn, Power BI, Tableau
- Machine Learning: Scikit-learn, supervised & unsupervised models
- Data Preparation: Cleaning, preprocessing
- Model Evaluation: Cross-validation, accuracy, confusion matrix

Programming Languages

- Python, MySQL, React native, NodeJS, Java

Tools & Technologies:

- Power bi, Microsoft Office, SQL, Python Anaconda (Jupyter notebook), Android Studio, Visual Studio, MongoDB (database) IntelliJ IDE, Blender, 3D Modelling.

Projects

Final Year Project: Fix My Bike – Mobile Application for Bike Maintenance & Services

Sept 2024 – July 2025

- Developed a user-friendly mobile app enabling real-time bike repair bookings, service tracking, and emergency assistance. Integrated features such as bike/service management, service reminders, and in-app spare part purchases.
- Contributed to building a complete bike care ecosystem with secure payments, seller-side inventory control, and admin-level analytics.

Game lens

- Collaborated on *Game Lens*, a data science project analyzing 20,000+ Steam games using Python, Power BI, and machine learning.
- Built models for game success prediction, personalized recommendations, and market pricing insights.
- Applied web scraping, data cleaning, visualization, and predictive modeling to uncover player trends and market behavior.

Credit Card Eligibility Prediction

- Worked on predicting credit card eligibility using machine learning. Applied SLP, MLP, Decision Tree, and KNN after preprocessing the data. Evaluated models using accuracy and F1-score

Certifications

- Data Analytics Essentials– Cisco Networking Academy (Cisco)
- ZAB E-Fest | Computer Networks and Data communication Competition | May-2024
- ZAB E-Fest | Artificial Intelligence Competition | May-2024