Tanishq Sharma

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PROFESSIONAL SUMMARY

Analytical and results-driven Data Analyst with experience in predictive modeling, automation, and dashboarding across startup and banking environments. Proficient in machine learning (XGBoost, LightGBM), Python and SQL, Power BI, and Excel. Known for optimizing user acquisition funnels, automating workflows, and delivering insights that guide strategic decision-making.

EDUCATION

Indian Institute of Technology (IIT) Patna, B.Tech in Mechanical Engineering   **Nov 2022 – May 2026**

Relevant Coursework: Data Structures & Algorithms, Python Programming, Operations Research, Financial Accounting, Development Economics

ACHIEVEMENTS

- Selected for the **McKinsey Forward Program 2025**, a global learning journey focused on problem solving, digital collaboration, and business communication skills.

WORK EXPERIENCE

Data Analyst, Mr N Mrs Pet, Jaipur   *May 2025 – Jul 2025*

- Modeled SEO metrics for 1,000+ landing pages; boosted organic traffic by 28

- Built predictive models (XGBoost, LightGBM) improving conversion 16

- Automated ETL pipelines in Python; reduced report generation time by 60

- Collaborated with marketing and tech teams to refine user acquisition funnels.

Senior Data Analyst, AskDevi (Remote/Jaipur)   *Mar 2025 – May 2025*

- Built 5+ dashboards in Power BI and Excel for ROI, churn, and retention KPIs.

- Automated marketing workflows via Twilio and Zapier; cut manual ops by 80

- Performed funnel drop-off analysis using Amplitude; increased onboarding by 22

- Prepared weekly insights for founders influencing product decisions.

Portfolio Management Intern, Axis Bank, Jaipur   *May 2024 – Jun 2024*

- Developed Excel dashboards showing performance and risk for mutual fund portfolios.

- Generated wealth management reports for 30+ HNI clients.

- Gained exposure to export financing and foreign trade documentation.

Co-Founder, Unifest Entertainment   *Apr 2025 – Present*

- Scaled an event-tech startup connecting 20+ brands with 5,000+ students.

- Implemented IoT tracking and AI chatbot support for live events.

- Secured 300,000+ sponsorships; managed logistics, media outreach, and execution.

PROJECTS

AI-Based Algorithmic Trader   *Python, Scikit-learn, Backtrader, BeautifulSoup*

- Developed a machine-learning-driven trading bot using historical stock data combined with real-time news sentiment analysis via web scraping.

- Implemented SMA/EMA crossover strategies, trained ML models for buy/sell signals, and dynamically adjusted decisions based on latest news.

- Achieved simulated portfolio returns outperforming market benchmark by 8%, with explainable trade logs.

AI-Powered WhatsApp Automation System   *Python, Selenium, Twilio API*

- Built an automated WhatsApp outreach system capable of sending 500+ personalized messages.

- Integrated CSV contact ingestion and template-based messaging.

- Enabled targeted marketing campaigns for college events and small businesses.

Data Analytics Dashboards (Open Source)   *Power BI, Pandas, SQL*

- Designed open-source interactive dashboards analyzing e-commerce, ad campaigns, and user funnels.

- Published step-by-step documentation for students and data enthusiasts.

CERTIFICATIONS

- Google Data Analytics Professional Certificate (Coursera)

- Power BI Data Analyst Associate (Microsoft)

TECHNICAL SKILLS

Programming/Languages: Python, SQL, C++, JavaScript
Libraries/Frameworks: Pandas, NumPy, Scikit-learn, PyTorch, Matplotlib, Seaborn, XGBoost, LightGBM
Analytics/BI Tools: Power BI, Tableau, Excel, Firebase, Amplitude, Google Analytics (GA)
Automation/ETL: Python ETL pipelines, Twilio, Zapier, SQL-based ingestion
Other Tools: Git, Jupyter, VS Code, Canva, Figma, SolidWorks, ANSYS

LEADERSHIP & EXTRACURRICULARS

- Head Sub-Coordinator, Motorsports Club (Transmission Dept) – led design for national gear-train event.

- Sponsorship Coordinator, Infinito – raised 100,000+ and built sponsor CRM system.

- Event Coordinator, Anwesha Fest – managed 10+ events and 50+ volunteers.

INTERESTS

- Product strategy case competitions, startup innovation, event-tech trends.

- Enthusiast of geopolitics, aviation history, and cultural dynamics.