

Praveen Kumar Tripathi

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[<https://lensx-2025.streamlit.app/>] | [<https://github.com/PraveenTripathi020>]

Summary

Motivated and dedicated student with a strong passion for Artificial Intelligence (AI), Machine Learning (ML), and Data Analytics. Proven ability to transform raw data into actionable insights and build intelligent systems to solve real-world challenges. Seeking to leverage skills in Python, NLP, Machine Learning, and data visualization tools to contribute to strategic decision-making and drive business outcomes.

Skills

- **Programming Languages:** Python
 - **Databases:** MySQL
 - **Data Analysis & Visualization:** Power BI, Tableau, Advanced Excel, NumPy, Pandas, Matplotlib, Seaborn, Statistics
 - **Machine Learning & NLP:** Scikit-learn, Natural Language Processing (NLP), Machine Learning
 - **Tools & Platforms:** Streamlit, GitHub, MS PowerPoint
 - **Employability Skills Training** – Rubicon LifeSkills Program (Sept 2023)
 - Covered Communication, Teamwork, Interview Skills & Corporate Readiness.
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Work Experience/Internship

Digital Marketing: Internship 25 Aug 2023 - 25 Oct 2023

G-Tech Info India Private Limited, Virtual

* The program covered various aspects of digital marketing, including Search Engine Optimization (SEO), Social Media Marketing, Email Marketing, Content Marketing, Pay-Per-Click Advertising (PPC), and Analytics and Reporting

GitHub Internship Link :

[https://github.com/PraveenTripathi020/Internship_Certificate.git]

Projects

Lens-X: AI & NLP Combo Suite

- Developed a comprehensive suite of AI and NLP models using Python and Streamlit.
- **Components:** Movie Recommender, Spam Classifier, Food Sentiment Analyzer, Language Detector, and News Classifier.
- **Technologies:** Python, Streamlit, Scikit-learn, NLTK, Pandas, Requests.

Data Analytics Dashboards

- Created interactive dashboards for data-driven insights using a combination of data analysis and visualization tools.
- **Projects:**
 - **IPL Dashboard (2008-2024):** Analyzed team performance, player statistics, and season winners.
 - **HR Analytics Dashboard:** Tracked key HR metrics such as headcount, average salary, and employee demographics.
 - **Sachin ODI Dashboard:** Detailed analysis of Sachin Tendulkar's ODI career statistics.
 - **COVID-19 Dashboard:** Visualized India's pandemic status, including confirmed cases, active cases, and recovery rates.
 - **Olympic Sports Dashboard (1896-2016):** Analysed data on total sports, participants, and top medal-winning countries.
 - **Superstore Dashboard:** Creating a superstore dashboard provides a clear, visual summary of key business performance metrics like sales, profit, and trends, enabling quick and informed decision-making.
 - **Sales Report Dashboard:** This dashboard provides an interactive overview of sales performance, highlighting key metrics like sales, orders, and profit, with a breakdown by category, quantity, and region.
 - **Food Delivery App Sales Presentation:** Creating a food delivery app sales report presentation using MS PowerPoint is essential for gaining a better understanding of performance and facilitating informed decision-making within our organization
- **Technologies:** [Implied from skills: Power BI/Tableau/Excel].

Banking Automation System

- Built a desktop-based Python application to simulate core banking operations.

- **Features:** Account creation, deposits, withdrawals, transaction history, and a secure login system.
- **Technologies:** Python, Tkinter, File Handling.

Restaurant Billing System

- Developed a user-friendly desktop application to streamline restaurant billing.
 - **Features:** Menu item selection, automatic bill calculation with taxes, and order tracking.
 - **Technologies:** Python, Tkinter, File Handling.
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Education

Master of Business Administration (MBA)

- **Major:** Human Resource & Marketing
- **Institute:** AKTU, Ghazipur, Uttar Pradesh
- **Year:** 2024
- **Score:** 6.91 CGPA

Bachelor of Science (B.Sc)

- **Major:** Zoology/Botany/Chemistry
 - **Institute:** VBSPU, Ghazipur, Uttar Pradesh
 - **Year:** 2022
 - **Score:** 64.6%
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Certifications

- **Certified Data Analytics Specialist** — Proficient in a full data stack including Python, SQL (MySQL, MongoDB), NumPy, Pandas, Statistics, Power BI, and Tableau.
- **Advanced Tool Proficiency** — Possess advanced skills in Microsoft Excel and PowerPoint for detailed analysis and impactful data presentations.
- **End-to-End Data Workflow** — Capable of transforming raw data into actionable insights and presenting them effectively.
- **Driving Data-Driven Decisions** — My skills are focused on helping organizations make informed decisions based on solid data analysis.
- Created Interactive dashboards and data storytelling reports to guide strategic decision-making in a simulated business context.

- **GitHub Repository (Certificates Folder):** [View All Certificates](#)