SHIVAM KUMAR
Data Analyst

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Summary

Aspiring Data Analyst with expertise in data interpretation, statistical modeling, and problem-solving. A quick learner adept at leveraging data-driven insights to deliver innovative solutions. Excels in team collaboration and independent work, with a focus on quality and professionalism.

Skills

- **Programming Languages:** Proficient in Python, Java, JavaScript, R, C, C++, SQL, with hands-on experience in Object-Oriented Programming (OOP).
- **Data Analysis & Visualization:** Expertise in data analysis tools including Power BI, Excel, Python libraries (Matplotlib, Seaborn, Plotly), and statistical modeling to derive actionable insights.
- **Web Development:** Skilled in web technologies such as HTML, CSS, React.js, Flask, REST APIs, delivering responsive, user-friendly websites and web applications.
- **Database Management:** Proficient in database management systems such as MongoDB and SQL, with experience in data manipulation, querying, and reporting.
- **Soft Skills:** Strong communication, problem-solving, teamwork, and time management abilities. Capable of interacting with stakeholders to understand requirements and deliver solutions.
- **Microsoft Office Suite:** Advanced knowledge of Microsoft Word, Excel, PowerPoint for documentation, data presentation, and reporting.

Education

B. Tech in CSE (Data Science)	DPG Institute of Technology and Management Gurugram,	CGPA: 8.1	2021 – 2025
12th Grade	Govt. Sen. Sec. School, Gurugram, Haryana	Percentage: 92.3%	2021
10th Grade	Govt. Sen. Sec. School, Gurugram, Haryana	Percentage: 88%	2019

Work History

Web Developer Intern   *Webs Jyoti Pvt Ltd*-**Gurugram | May 2024-June 2024**

- **Enhanced website responsiveness by 30%** by analyzing performance metrics and addressing bottlenecks, leading to improved user satisfaction.
- Designed and maintained the company's institutional website, resulting in a **20% increase in user engagement** through an intuitive and user-friendly interface.
- Collaborated with cross-functional teams to deliver scalable web solutions, integrating real-time analytics that improved user behavior insights by **15% accuracy**.
- Utilized tools like Google Analytics to track website traffic, identifying key trends that drove a **10% boost in overall website traffic** and informed continuous improvements.

College Annual Fest Website   *DPG Institute of Technology and Management*-**Gurugram | Jan 2023-Feb 2023**

- Developed and deployed a dynamic website for the college's annual fest, achieving a **35% increase in participant registrations** through streamlined online registration and scheduling features.
- Implemented features like event scheduling, real-time query resolution, and ticket management, streamlining operations for **over 1,000 users** during the fest.
- Monitored website performance during high-traffic periods, ensuring **99.9% uptime** and identifying trends that informed immediate improvements.
- Presented analytical insights on user engagement and participation to stakeholders, driving **15% higher event turnout** in subsequent iterations.

Project

Question Paper Management Website (Mduepapers.in)

- Developed a dynamic web platform enabling **over 5,000 college students** to efficiently search and download subject-specific question papers using unique question paper IDs.
- Optimized backend technologies (e.g., SQL, Python) for seamless data management and retrieval, resulting in a **40% reduction in search times** and improved scalability.
- Implemented user-centric design principles, creating an intuitive and responsive interface that enhanced accessibility and boosted user engagement by **30%**.

Real-Time AQI Dashboard

- Designed and implemented a real-time AQI dashboard displaying air quality, temperature, humidity, and other environmental parameters for **28 Indian states**, enabling informed decision-making.
- Integrated real-time data APIs and advanced data visualization techniques (e.g., Power BI, Plotly) to highlight key metrics and trends, improving user understanding of environmental conditions.
- Optimized the dashboard for cross-platform accessibility, ensuring high availability and responsiveness across devices.
  for future events.

Hobbies

- **Coding Challenges**: Solving complex problems through online competitions.
- **Tech Exploration**: Researching AI, machine learning, and cloud technologies.