SAPNA BAGAHE

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PROFESSIONAL SUMMARY

Aspiring Data Scientist with hands-on experience in web development, data analytics, and machine learning. Skilled in Python, SQL, and data visualization tools, with a strong foundation in problem-solving, critical thinking, and communication. Seeking opportunities to apply technical expertise and analytical skills to drive business solutions.

TECHNICAL SKILLS

Data Science and Analytics:

- Programming: C, C++, Python (Pandas, NumPy, Matplotlib, Seaborn), R
- Machine Learning: Scikit-learn, TensorFlow, Keras
- Data Analysis: SQL, Tableau, Microsoft Power BI
- Statistical Methods: Hypothesis Testing, Regression, Classification
- Natural Language Processing (NLP): NLTK, SpaCy
- Big Data Technologies: Hadoop, Spark (learning)

Web Development:

- Front-End: HTML, CSS, Bootstrap, JavaScript
- Back-End: Node.js, Express.js, Django
- Database Management: MongoDB, MySQL, PostgreSQL
- Frameworks: Flask, React.js

Cloud Computing (Learning):

- AWS, Microsoft Azure, Google Cloud Platform (GCP)

DevOps and Automation:

- Version Control: Git, GitHub
- Containerization: Docker (learning), Kubernetes (learning)

Other Tools:

- Advanced Excel (Pivot Tables, VBA Macros)
- Data Visualization

PROFESSIONAL EXPERIENCE

Data Science Intern

Yhills | Remote | Jan 2024 – Ongoing

- Analyzing and cleaning datasets (10M+ rows) using Python and SQL, extracting actionable insights.
- Developing predictive models using machine learning algorithms, achieving a 20% improvement in forecast accuracy.
- Building interactive dashboards in Tableau and Power BI to enhance decision-making processes.
- Automated data workflows, reducing manual processing time by 30%.

Business Development Intern

NoxAlgo | Remote | Oct 2023 – Present

- Generated leads through market research and outreach, increasing client base by 15%.
- Engaged in cold calling, contributing to a 10% rise in successful sales conversions.
- Assisted in closing clients, and achieving quarterly revenue targets.

AI and Prompt Engineering Intern

Vault of Codes | Remote | Nov 2024 – Dec 2024

- Designed and fine-tuned prompts for LLMs, improving output accuracy by 15%.
- Developed automation scripts for model evaluations, optimizing testing processes by 20%.
- Conducted NLP tasks like summarization and sentiment analysis, enhancing model capabilities.

E-commerce and Analytics Coordinator

Sadguru Sales | Gujrat, India | Mar 2023 – Sep 2023

- Conducted sales and performance analysis, identifying trends that led to a 25% increase in customer engagement.
- Collaborated with marketing teams to execute successful campaigns.
- Optimized product pricing strategies by monitoring competitor data.

Independent Business Owner

FLP India | Indore, India | Nov 2022 – Jul 2023

- Analyzed customer feedback to adapt business strategies, achieving a 10% growth in revenue.
- Implemented CRM tools to streamline operations and improve time management.
- Prepared reports of team performance after conducting regular meetings, led to better organisation and planning.

PROJECTS

Data Science Trends Analysis

Tools: Excel | Jun 2024

- Conducted in-depth analysis of trends in data science jobs, salaries, and required skills.
- Visualized findings using Excel dashboards, aiding in career planning for aspiring data scientists.

Student Specialization Dashboard

Tools: Power BI | Sep 2024

- Designed an interactive Power BI dashboard to visualize student specialization trends and career preferences.
- Predicted career trajectories to assist academic planning.

Google Analytics Dashboard

Tools: Excel | Feb 2024

- Automated website performance reporting by creating a dashboard to analyze traffic, bounce rates, and top sources.
- Identified actionable insights to improve user engagement.

E-Diary Website

Tools: HTML, CSS, JavaScript | Nov 2022

- Developed a web-based diary to showcase self-written poems, including page-turn animations for a realistic feel.

EDUCATION

Master of Business Administration (CGPA: awaited)

Lovely Professional University, Punjab | 2024 – 2026 (In Progress)

- MBA in Data Science and Business Analytics

Bachelor of Computer Application (CGPA: 7.47)

Lovely Professional University, Punjab | 2020 – 2023

- BCA in Full Stack Web Development

CERTIFICATIONS

- Power BI Course (Great Learning)
- SQL Projects (Great Learning)
- Data Analytics and Visualization (Great Learning)
- Digital Marketing Fundamentals (IIDE)
- HR Roles in the Modern Workplace (LinkedIn Learning)
- Corporate Financial Statement Analysis (LinkedIn Learning)

SOFT SKILLS

- Collaboration, Creativity, Communication
- Adaptability, Problem-Solving, Presentation
- Critical Thinking, Emotional Intelligence, Curiosity

ADDITIONAL INFORMATION

Physical Status: Disabled (Cerebral Palsy)

Navigating life using a wheelchair has honed my resilience, adaptability, and determination. These experiences have shaped my unique perspective and problem-solving approach.

REFERENCES

Available on request