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OBJECTIVE

As an MSc Artificial Intelligence student at St. Xavier's College, Ahmedabad, I aspire to build a career as an AI/ML Developer, Data Scientist, or Data Analyst. With expertise in Python, Machine Learning, Natural Language Processing, and Computer Vision, I have hands-on experience in developing AI-driven projects, including a Resume Analyzer. As a Placement Cell Coordinator, I am committed to fostering connections and creating opportunities while leveraging my skills to solve real-world problems, contribute to impactful solutions, and deepen my knowledge in artificial intelligence and data science.

EDUCATION

Master of Science in Artificial Intelligence.

June 2024 - July 2026

St. Xavier's College, Ahmedabad (Pursuing)

Grade (First Semester): 8.92

- Gaining a comprehensive understanding of data analytics, machine learning, and statistical modeling through coursework and hands-on projects.
- Applying theoretical knowledge to address real-world challenges in academic projects using Python, R, and data visualization tools.
- Handling large datasets, including cleaning, pre-processing, and developing predictive models to uncover actionable insights.
- Actively contributing to group projects, enhancing collaboration and communication skills in a team-oriented environment.

Bachelor of Computer Application

June 2021 – April 2024

Veer Narmad South Gujarat University, Surat

Grade: 9.32

- Gained a strong foundation in Computer Graphics, E-commerce, Cybersecurity, and Project Development.
 - Successfully completed a project showcasing problem-solving skills and teamwork.
 - Actively participated in seminars and extra-curricular activities to enhance presentation and leadership skills.
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TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL.
 - **Machine Learning:** Expertise in supervised and unsupervised learning and model evaluation using tools like Scikit-learn.
 - **Data Analysis & Visualization:** Proficient in Pandas, NumPy, Matplotlib, and Seaborn for data manipulation and visualization.
 - **User Interface:** Streamlit.
 - **NLP Tools and Libraries:** Hands-on experience with SpaCy and Pyresparser.
 - **Computer Vision:** Proficient in image processing, object detection, and facial recognition using libraries like OpenCV.
 - **Soft Skills:** Problem-solving, Analytical thinking, Communication, Teamwork.
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PROJECTS

Resume Analyzer (using NLP)

- Developed a tool using SpaCy, Streamlit, and Pyresparser to parse and analyze resumes automatically, utilizing Natural Language Processing (NLP) techniques to extract meaningful insights.
- Extracted key information such as skills, experience, and education to evaluate resume quality and match candidates to job descriptions. Used Plotly to create interactive maps of ESG risk scores per state, including sector information.
- Leveraged machine learning techniques to improve the accuracy of resume parsing and classification.
- Integrated an intuitive user interface with Streamlit for easy use by HR professionals and recruiters.
- Implemented a scoring system to evaluate the quality of resumes based on key factors.
- Provided personalized tips and recommendations for resume improvement, including suggested courses and YouTube videos for further development.

Image Generation using Diffusers (Stable Diffusion)

- Implemented an image generation model using Hugging Face's Diffusers library and Stable Diffusion for text-to-image synthesis.
 - Utilized Google Colab for running the model, leveraging pre-trained models for high-quality image generation from textual prompts.
 - Despite lacking a formal user interface, the project highlights the effectiveness of diffusion models for creative applications in AI.
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EXPERIENCE

Generative AI Intern, Prodigy Infotech (virtual)

Fine-tuned large language models (LLMs) like GPT-2 to improve performance on specific tasks and datasets.

Worked with the Stable Diffusion Diffusers library to generate images based on text prompts, exploring the capabilities of generative models for creative applications.

Implemented Markov Chain models for probabilistic decision-making and sequence generation in various AI-driven tasks.

CERTIFICATIONS

- Python for Data Science - **IBM Skills Build**
- R for Data Science - **IBM Skills Build**
- Machine Learning with Python - **IBM Skills Build**
- Data Analysis with Python - **IBM Skills Build**
- Data Visualization with Python - **IBM Skills Build**
- Computer Vision Boot Camp – **OpenCV University**