

HARSHITA BAJAJ

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OBJECTIVE

Dynamic and motivated fresher with hands-on experience in machine learning and data science. Proficient in Python and eager to apply skills as a Machine Learning Engineer. Passionate about using data insights to solve complex problems and drive innovation.

SKILLSET SUMMARY

- **Machine Learning & Data Science:** Machine Learning Algorithms, Data Science, Data Wrangling, Natural Language Processing, Deep Learning
- **Programming Languages:** Python, Java
- **Data Science / AIML Frameworks:** Pandas, NumPy, Scikit learn, TensorFlow, Matplotlib, OpenCV
- **Data Analysis & Management:** MS Excel, MS Access, VBA, Power BI, SQL, Database Management System
- **Other Technical Skills:** Object-Oriented Programming (OOPs), MS Power Point Presentation
- **Soft Skills:** Continuous Learner, Communication, Adaptable, Strong Analytical and Problem-Solving, Time Management, Teamwork, Impactful Presentation Skill

PROFESSIONAL EXPERIENCE

Technology and Digital Consultant Intern

Mazars, Gurugram, Haryana

Feb 2023 - April 2023

- Researched the architecture of OpenAI models, particularly focusing on the transformer architecture used in GPT models.
- Led data visualization initiatives, transforming intricate datasets into actionable insights through compelling visual representations.
- Developed and presented comprehensive business proposals, incorporating data-driven strategies.

Data Analytics Consulting Intern

KPMG AU Virtual Internship

July 2023

- Conducted thorough evaluations of dataset integrity, identified anomalies, and implemented data cleaning strategies to ensure high-quality data for analysis.
- Utilized statistical analysis and visualization tools to extract meaningful patterns and trends.
- Compiled and communicated key findings through compelling visualizations and presentations.

Data Mining Intern

Make Me Builder (OPC) Pvt. Ltd., Gurugram, Haryana

Jun 2022 - Aug 2022

- Implemented data organization techniques.
- Performed data mining on different datasets to extract valuable insights.
- Worked with different Python algorithms to reduce and clean the data.

EDUCATION PROFILE

ACADEMIC QUALIFICATION

Course	Year	Institution	Percentage / CGPA
B. Tech Computer Science (AIML)	2020-2024	The NorthCap University, Gurgaon	8.10 CGPA
Class XII (Science)	2008-2020	Bal Bharti School, Bahadurgarh	83%

PROJECT PROFILE

Project Title: Lane Detection System for Self-Driving Cars

- Implemented a lane detection algorithm using the Hough transform to identify and highlight lanes in images or videos.
- Developed an image processing pipeline involving grayscale, blur, and Canny edge detection.

Project Title: Number Plate Detection and Text Extraction (OCR)

- Implemented a number plate detection system using Python and OpenCV for vehicle image or video processing.
- Utilized computer vision techniques including object detection, plate localization, character segmentation, and Tesseract OCR to extract vehicle numbers.

Project Title: Facial Recognition System with Attendance System

- Built a facial recognition system to detect people whose images are stored in the data.
- Used Python libraries such as OpenCV and Pickle.

Project Title: Disaster Prediction Using Tweets

- Developed a disaster prediction system using Python and natural language processing techniques to analyze tweets.
- Utilized machine learning algorithms like Naïve Bayes and text classification models to classify tweets as disaster-related or non-disaster and evaluated their accuracy and precision.

CERTIFICATIONS AND ACHIEVEMENTS

- Joy of Computing with Python
- Patent published - A PRESSURE-RESISTANT ROBOTIC ARM FOR DEEP-SEA EXPLORATION AND SAMPLE COLLECTION
- Hackathon -Smart India Hackathon
- AWS Academy Machine Learning

DECLARATION

I do hereby declare that all the information given above is true to the best of my knowledge and belief.

(HARSHITA BAJAJ)