

Mitesh Gupta

Data Science Intern

+91 7000816252

miteshgupta2711@gmail.com

Vadodara, IND

in/mitesh-gupta

github.com/miteshgupta07

Portfolio

PROFESSIONAL SUMMARY

I am a final-year B.Tech. student with a focus on Data Science and a solid background in Python programming, AI, and machine learning (ML). I am excited about applying my proficiency in deep learning (DL), computer vision (CV), natural language processing (NLP), web scraping, Python, and MySQL to meaningful data science, ML, and AI projects.

AREAS OF EXPERTISE

- Data Science
- Machine Learning (ML)
- Computer Vision (CV)
- Data Acquisition
- Artificial Intelligence (AI)
- Deep Learning (DL)
- NLP
- Data Analytics

PROFESSIONAL EXPERIENCE

Artificial Intelligence Internship ([Pantech Solution](#))

Remote Work, August 2022 – August 2022

- Developed a hand gesture detection model.
- Achieved 90% accuracy in hand detection.

Machine Learning Internship ([Pantech Solutions](#))

Remote Work, July 2022 – July 2022

- Developed a car price prediction model for predicting car prices.
- Achieved 97% accuracy using random forest regression.

PERSONAL PROJECTS

ATS Scoring System: ([Project Link](#))

July 2024 – August 2024

- Developed an applicant tracking system (ATS) scoring system with a 90% keyword matching accuracy rate.
- Processed 200 resumes with great accuracy using spaCy for entity extraction.
- Increase the effectiveness of hiring by providing precise resume grading and recommendations.

Automatic-License-Plate-Recognition-System: ([Project Link](#))

June 2024 – July 2024

- Designed a system for automatically recognizing license plates that can read and detect plates with 95% accuracy.
- Applied computer vision and OCR methods, analyzing more than 20,000 photos to identify vehicles.
- Better parking management resulted in a 50% reduction in the amount of time spent on manual entry.

PlantGaurd: ([Project Link](#))

Mar 2024 – Apr 2024

- Created a CNN-powered model for identifying plant diseases that was trained on 50,000 photos from nine distinct species.
- 99% accuracy was attained with DenseNet architecture.
- Simplifying crop management and providing quick disease detection to farmers.

COVID-19 Dashboard : ([Project Link](#))

Dec 2023 – Jan 2024

- I made an interactive dashboard using streamlit to examine and evaluate COVID-19 data from Berlin City's 12 districts.
- Provided consumers with an intuitive user interface for gaining knowledge about the worldwide pandemic.
- Encourage better understanding and monitoring of COVID-19 data and trends.

ONLINE COURSES & CERTIFICATIONS

- Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate - [Oracle](#)
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional - [Oracle](#)
- Pantech Solution Artificial Intelligence Certified - [Pantech Solution](#)
- Pantech Solution Machine Learning Certified- [Pantech Solution](#)
- Udemey C Programming Certified - [Udemey](#)
- HackerRank Python Programming Certified - [HackerRank](#)

EDUCATION

B.Tech Computer Science Engineering, [Parul University, Vadodara, India](#)

2021-2025

TECH SKILLS

- **Programming Languages:** Python, C
- **Data Manipulation and Analysis:** Data Cleaning and Preprocessing, Feature Engineering and Selection
- **Web Scraping:** Requests, BeautifulSoup, Selenium, Scrapy
- **Machine Learning (ML):** ML Algorithms, Supervised and Unsupervised Learning, Model Evaluation and Optimization, Recommendation Systems, XGBoost, Ensemble Techniques
- **Deep Learning (DL):** Neural Networks, Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Long Short-Term Memory (LSTM) Networks, Transfer Learning
- **Natural Language Processing (NLP):** Text Classification, Text Processing, Named Entity Recognition (NER), Sentiment Analysis, Word Embedding
- **Computer Vision (CV):** Object Detection, Image Classification, Image Segmentation, YOLO
- **Data Visualization:** Matplotlib, Seaborn, Plotly, Microsoft Power BI
- **Backend Framework:** Streamlit, Flask
- **Database Management:** MySQL
- **Version Control:** Git, GitHub
- **Statistics and Mathematics:** Probability, Hypothesis Testing and Bayesian Methods
- **Libraries and Frameworks:** Scikit-Learn, Pandas, Numpy, Tensorflow, Keras, Pytorch, OpenCV, NLTK, spaCy, Gensim

SOFT SKILLS

- Team Work
- Leadership
- Communication
- Problem-Solving
- Adaptability
- Critical Thinking

LANGUAGES

- Hindi [Native]
- English