**Prabhav Sharma**



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EDUCATION **B.Tech, Computer Science & Engineering**

JIMS Engineering Management Technical Campus (JEMTEC)

2022 - 2026

**Senior Secondary (XII), Science**

Gyan Mandir Public School, Naraina Vihar, New Delhi -12

(CBSE board)

Year of completion: 2022

**Secondary (X)**

Tagore Public School, Naraina Vihar, New Delhi-12

(CBSE board)

Year of completion: 2020

WORK EXPERIENCE **Machine Learning**

Bharat Intern, Virtual

Internship • Feb 2024 - Mar 2024 (1 month)

Built Machine Learning Models

Learnt advanced concepts of NLP, Computer Vision

**Digital Intelligence**

PWC/Forage, Virtual

Job Simulation • Aug 2024 - Sep 2025

Worked on advanced data analytics, predictive modeling, and AI-driven solutions:

Responsible AI: Ensured transparency and fairness in machine learning models.

Quant Finance Modeling: Developed financial models for risk analysis and market trends.

Data Analytics Strategy: Optimized business processes using data-driven insights.

Predictive Healthcare: Applied analytics to enhance patient outcomes and resource allocation.

**Data Analytics Intern**

Tata Group |

Job Simulation • Sep 2024 - Oct 2024

Focused on data visualization, business intelligence, and strategic analytics:

Business Framing: Defined key metrics and structured analytical approaches.

Visualization Selection: Chose optimal techniques for clear data representation.

Dashboard Development: Built interactive reports for actionable insights.

Insights & Communication: Delivered data-driven recommendations to stakeholders.

POSITIONS OF RESPONSIBILITY

Social Media manager at Clg Of ARCANE(Gaming Club), managed the social media representation.

TRAININGS **Data Science and Machine Learning**

Udemy, Online

Oct 2024 - Present

This course provides in-depth knowledge of Data Science and Machine Learning, covering key topics such as data preprocessing, exploratory data analysis, feature engineering, supervised and unsupervised learning, and model evaluation. It includes hands-on projects using Python, scikit-learn, TensorFlow, and Power BI to develop real-world AI solutions. The course also emphasizes practical applications in predictive modeling, NLP, and time series analysis.

**Machine Learning and Deep Learning bootcamp**

Udemy, Online

Oct 2023 - Oct 2024

This comprehensive bootcamp covered fundamental and advanced concepts in Machine Learning and Deep Learning. It included hands-on experience with Python, TensorFlow, and scikit-learn, focusing on real-world applications such as predictive modeling, neural networks, and deep learning architectures. The course also emphasized data preprocessing, model evaluation, and optimization techniques.

**Data Analytics with Python**

Jobaaj Learning, Online

Dec 2023 - Aug 2024

In this course, I was provided with learning materials, videos fro different technologies necessary for data analytics like Python, Power BI, SQL and Machine Learning. This project has many hands-on projects helping to figure out how things actually work at companies

PROJECTS

**Employee Productivity & Well-being Analytics**

Dec 2024 - Jan 2025

<https://github.com/Amalgamator04/employee_productivity>

HR Analytics & Employee Performance Insights

Data Processing: Cleaned HR data, handled missing values, and removed duplicates.

EDA & Insights: Identified trends in productivity, efficiency, and well-being.

Advanced Visualizations: Built interactive dashboards for workforce analysis.

**Image Scrapper(Web App)**

Mar 2024-Mar 2024  
<https://github.com/Amalgamator04/Scrapper/blob/main/scrapper.py>

Automated Image Retrieval: Extracts images from the web based on user queries.

Web Scraping: Used BeautifulSoup & Selenium for dynamic extraction.

Efficient & Scalable: Enabled batch downloads with error handling.

User-Friendly: Built a Streamlit app for seamless query-based scraping.

Organized Storage: Implemented structured folder management.

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**Next Word Predictor Using LSTM**

Oct 2023 - Dec 2023

[https://github.com/samvlp03/Iris\_Classifcation.git](https://github.com/samvlp03/Iris_Classification.git)

Built an LSTM-based model to predict the next word in a text sequence.

Preprocessing: Tokenized text, removed stopwords, and converted words to sequences.

Word Embeddings: Used Word2Vec for better contextual predictions.

Optimized Training: Stacked LSTM layers, Adam optimizer, and Cross-Entropy loss.

Deployment: Integrated into a Streamlit web app for real-time text prediction.

**Skills**

**Technical Skills**

* **Programming:** Python (Intermediate), SQL (Intermediate), C++ (Beginner)
* **Machine Learning & AI:** Machine Learning (Intermediate), Deep Learning (Beginner), Neural Networks (Beginner)
* **Data & Analytics:** Data Analytics (Intermediate), Data Science (Intermediate), Power BI (Intermediate), MySQL (Intermediate)
* **Development & Web Technologies:** Data Structures (Beginner), HTML (Intermediate), Database Management Systems (Beginner)
* **Other Technical Skills:** Video Editing (Beginner), Canva (Beginner)

**Soft Skills**

* **English Proficiency (Written) – Intermediate**
* **Interpersonal Skills – Intermediate**

**Additional Skills**

* **Baking** – Intermediate

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### ****Work Samples****

**Portfolio:** [GitHub Portfolio](https://github.com/Amalgamator04/https---github.com-Amalgamator04-PrabhavPortfolio)