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| **Harsh Gupta** |

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**OBJECTIVE**

Machine Learning and Data Science excite me, with good knowledge in Python, Deep Learning, and Data Science. Built real-world ML solutions across image processing, NLP, and IoT domains. Published many open-source projects and completed hands-on internships in the ML domain. My problem-solving skills shine when I worked on data preprocessing, model training, and deployment and eager to learn more and use AI to create innovative solutions.

**PROFESSIONAL EXPERIENCE**

**RD INFRO Technology, Remote**

*D Machine learning Intern, January 2025 – March 2025*

* Work on Machine Learning projects focused on boosting the model’s performance by an impressive 20% by aiming on data preprocessing and fine-tuning the hyperparameters.
* Applied methods like feature engineering and model optimization.
* Built applications that use Machine learning to tackle real world issues.

**Projects**

**Sentiment Analysis on Amazon Reviews -** [**Github**](https://github.com/4444Harsh/Amazon_review_sentiment_analysis.git)

*Personal, January 2025 – April 2025*

* Built a flask application for text classifier using scikit-learn and NLTK to identify review sentiment.
* Achieving 87% accuracy to predict the given review is positive or negative.

**Handwritten Text Generation –** [**Github**](https://github.com/4444Harsh/RD-INFRO-TECHNOLOGY)

*RD INFRO Technology, February 2025 – March 2025*

* Built a handwritten simulator model using RNN with 90% accuracy.
* Optimized pipeline to reduce processing time by 30%.

**Chest-X-ray-Analysis-System -** [**Github**](https://github.com/4444Harsh/Chest-X-ray-Analysis-System)

*Invertis University, March 2025 – April 2025*

* Designed CNN based deep learning model to predict age, gender, and pneumonia disease.
* This application generates a report pdf in which written about the prediction from chest X-ray image.
* Deployed using Flask for real-time predictions.

**EDUCATION**

**Invertis University**

*Bachelor of Technology in Computer Science and Engineering, 2025*

* CGPA – 8

**CERTIFICATIONS**

* [Data Science](https://drive.google.com/file/d/14QasOJdjmydlbnGJ2sZx4FpcucSSupKK/view?usp=sharing) and [Python](https://drive.google.com/file/d/1W7jzenoHNJQIylgV_ymh9OZWKrIoDMpK/view) Certification - Indian Institute of Placement with Symposium IIT Mumbai
* [TensorFlow and Deep learning Certification](https://www.linkedin.com/learning/certificates/e1acb98d2f13821902ae2e76bffc57c591e283d949ff165cf0c72f7bbf7c0b11) – LinkedIn
* [Intermediate Machine Learning](https://www.kaggle.com/learn/certification/harshgupta4444/intermediate-machine-learning) – Kaggle
* [Git and Github](https://learn.365datascience.com/certificates/CC-562DC293A4/) - 365Datascience