

# Rishabh Virmani

Bachelor of Engineering(AI&ML) | New Delhi , India

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## EDUCATION

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| • <b>Maharaja Agrasen Institute of Technology, New Delhi</b><br><i>Bachelor Of Engineering in AI&amp;ML</i> | <i>2021-2025</i><br><b>CGPA - 8.3</b> |
| • <b>Prabhu Dayal Public School , New Delhi- Senior Secondary</b><br><i>CBSE</i>                            | <i>2019</i><br><b>CGPA- 7.9</b>       |
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## TECHICAL SKILLS

**Programming Languages:** Java, Python, JavaScript, HTML5, MySQL.

**Technology/Frameworks:** React.js, Tailwind CSS, CSS3, Node.js

**AI/ML Technologies:** Pandas, Numpy, Pytorch, Scikit-learn, TensorFlow, Keras, OpenCV, NLTK, Matplotlib, NLP.

**Tools & Platforms:** RAG,LLMs,Langchain,Git, GitHub, Docker.

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## EXPERIENCE

### La Esfera Multiservices LLP

AIML-INTERN | 2025 - ONGOING |INDIA

- Worked on a banking complaints classifier using BART to accurately categorize customer issues for improved service response.
  - Working on an object detection model using YOLO architecture for real-time image analysis.
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## PROJECTS

### CANC-GUARD

2023

- CancGuard is a cancer prediction system. This helps us classify the malignant and benign tumors using logistic regression .
- Technology Used: Python, Machine learning, Logistic Regression

### Production Ready RAG System using LlamaIndex

2025

- Developed a production-ready Retrieval-Augmented Generation (RAG) system using LlamaIndex to enhance contextual response generation from large document corpora.
  - Technology Used: LlamaIndex, LangChain, FAISS for vector search, and FastAPI for deployment.
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## PUBLICATIONS

### Navigating Multilingual Communication: Comparative Analysis of Translating Prompts and Responses vs. Language-Specific LLMs

Dr. Neeraj Garg, Dr. Neelam Sharma, Rishabh Virmani, Vikas, Akshat Goel

Comparing the response times of using a Multilingual LLMs vs Using Translated Prompts.

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## ACHIEVEMENTS/EXTRACURRICULAR

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| <b>Certifications</b> - Supervised ML: Regression and Classification By Andrew NG | 2023 |
| - Introduction to Machine Learning By Swayam/Nptel                                | 2023 |
| - Best Paper Certificate : ICICC-2024   | 2024 |