

Krishna Rohilla

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[LinkedIn-id](#) | [Github-id](#)

EDUCATION

Year	Degree/Exam	Institute
2026	B.TECH in AI/ML	Vivekananda institute of professional studies
2022	CBSE	Kendriya Vidyalaya No.1 delhi cantonment
2020	CBSE	Kendriya Vidyalaya No.1 delhi cantonment

PROJECTS

- **English Subtitling System** (Mar, 2023): Developed an automated subtitling system using OpenAI's Whisper model to accurately transcribe English audio/video content into text, enabling real-time or post-processing subtitle generation.
- **Customer Churn Prediction** (july, 2024): Developed a machine learning model to predict customer churn using a dataset containing customer demographics, account activity, and related factors. Implemented and evaluated various algorithms, including Logistic Regression, Support Vector Machine, and Gradient Boosting, to identify at-risk customers and enhance retention strategies.
- **Spam Sms Detection** (july, 2024): Developed a spam SMS detection system using Support Vector Machine (SVM), Logistic Regression, and Naive Bayes classifiers. Achieved 70-90% accuracy in classifying SMS messages as spam or non-spam using a comprehensive dataset, improving the ability to filter unwanted messages.
- **Plant Disease Recognition** (october, 2024): Developed a deep learning model for automated detection and classification of plant diseases using leaf images. Leveraged CNN architecture to train on a dataset of healthy and diseased leaves, supporting early disease detection for timely intervention and promoting sustainable agriculture practices.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, C, C++, HTML, SQL, Java.
- **Tools and Frameworks:** ReactJS, Streamlit.
- **Machine Learning Tools:** TensorFlow, Keras, scikit-learn.

SOFT SKILLS

- Communication
- Teamwork
- Problem-Solving

ACHIEVEMENTS

- **Smart India Hackathon 2024:** Got selected in the qualifiers for Smart India Hackathon 2024 at VIPS-TC, showcasing strong innovation and technical skills in AI and ML projects.
- **Review Paper on Speech Emotion Recognition** (AIST 2024): Authored and submitted a comprehensive review paper on various speech emotion recognition techniques and datasets to AIST 2024, focusing on advancements and trends in the field.
- **Problem Solving:** Solved over 100+ questions on platforms like LeetCode, GFG, Vs-code etc.

HOBBIES

- Playing Guitar and Singing
- Sketching