



NIRANJAN RATHOR
B.Tech. - CSE - Artificial Intelligence & Machine Learning
Ph: +91-9828335561
Email: niranjanrathor888@gmail.com
Kota, Rajasthan, India - 325601
LinkedIn: <https://www.linkedin.com/in/niranjanrathor/>



BRIEF SUMMARY

My name is Niranjn Rathor, and I recently completed(2024) my B.Tech in Computer Science and Engineering specializing in Artificial Intelligence & Machine Learning from SRM Institute of Science and Technology. I am passionate about leveraging my skills and experiences to contribute to innovative projects. I am confident that my background in AI, machine learning, data science, and web development would be a valuable asset to your team. I would be grateful for the opportunity to discuss how my skills and experiences align with the needs of your team. I look forward to the possibility of contributing.

KEY EXPERTISE

SQL Python pytorch Scikit-Learn Machine Learning NLP DBMS Data Structures Java Problem Solving
Analytical Skills ReactJS HTML CSS Git OOPs

EDUCATION

SRM Institute of Science & Technology, Ghaziabad B.Tech. - CSE - Artificial Intelligence & Machine Learning CGPA: 9.04 / 10	2020 - 2024
Government senior secondary school Sangod (kota rajasthan), Kota 12 th BSER Percentage: 86 / 100	2019
Jyoti bal senior secondary school Sangod kota rajasthan, Kota 10 th BSER Percentage: 85.83 / 100	2017

INTERNSHIPS

CodeClause IT Product & Services Data Science Intern Key Skills: Data Science Python Machine Learning Data Analytics <ul style="list-style-type: none">• Spearheaded the development of a customer churn prediction model, leveraging Python, sci-kit-learn, and machine learning algorithms.• Enhanced proficiency in predictive modeling, Applied advanced data visualization techniques and model evaluation metrics such as precision, recall, and F1-score.• Implemented a Market Basket Optimization solution using Python and association rule mining algorithms Gained proficiency in the Apriori algorithm and honed skills in transaction data analysis.• Created projects - Customer Churn Prediction and market basket Optimisation.	01 Jul, 2023 - 01 Aug, 2023
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PROJECTS

Text Summarization using NLP Key Skills: NLP Deep Learning Python Git Project Link: https://github.com/NiranjanRathor47/Text-Summarizer-using-NLP-Project <ul style="list-style-type: none">• Implemented the summarization model in Python using libraries such as Hugging Face Transformers and NLTK, achieving high accuracy and relevance in text summarization.• Experimented with various stages of the project using Jupyter notebooks, enhancing transparency and reproducibility of experiments.• Integrated essential modules including logging, exception handling, and utilities, improving the project's robustness and maintainability.• Deployed the model and user application on AWS, ensuring seamless CI/CD for continuous integration and deployment, and facilitating real-time text summarization for end users.	16 Dec, 2023 - 20 Feb, 2024
Customer Churn Prediction Model Key Skills: Scikit-Learn Machine Learning Databases Data Cleaning Classification Regression Project Link: https://github.com/NiranjanRathor47/CUSTOMER-CHURN-PREDICTION-MODEL	02 Jul, 2023 - 24 Jul, 2023

- Developed a machine learning model using Python and sci-kit-learn to analyze customer behavior data, achieving a prediction accuracy of 82% enabled the company to identify at-risk customers and proactively implement retention strategies.
- Trained and evaluated 8 machine learning models (KNN, SVM, Random Forest, Logistic Regression, Decision Tree, AdaBoost, Gradient Boosting, and Voting Classifier).
- Employed various evaluation metrics, including F1-score, recall, precision, confusion matrix, and ROC curve, comprehensively assessing each model's performance.
- Led data exploration, preprocessing, and feature engineering, ensuring the dataset's readiness for modeling.

Real Estate Management System - web development(React.js)

22 Dec, 2022 - 15 Feb, 2023

Key Skills: HTML CSS Javascript ReactJS tailwind css

Project Link: <https://cbc3b7e3.real-estate-7lu.pages.dev/>

- Developed a web application using React.js to search, view, and manage residential and commercial properties.
- Implemented user authentication to allow for separate admin and user interfaces.
- Built a search functionality to enable users to find properties that meet their needs easily.
- Utilized HTML, CSS, and JavaScript to create a user-friendly and responsive interface.
- Leveraged Tailwind CSS for rapid UI development.

ASSESSMENTS / CERTIFICATIONS

Machine Learning

Python for Data Science and AI

Data Base Management System

Data Structure & Algorithm in Java

WEB LINKS / IMs

- o Other - <https://www.linkedin.com/in/niranjanrathor/>
- o Github - <https://github.com/NiranjanRathor47>
- o Other - <https://leetcode.com/u/NiranjanRathor/>
- o Other - <https://www.hackerrank.com/profile/niranjanrathor81>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Khem ji colony sangod, kota ,Rajasthan,
Kota, Rajasthan, India - 325601

Emails: nr1943@srmist.edu.in , niranjanrathor888@gmail.com

Date of Birth: 20 Aug, 2002

Known Languages: English , Hindi

Phone Numbers: +91-9828335561, +91-9549699867