

Lavnesk Kumar

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Summary

AI Engineer with expertise in Machine Learning, Generative AI (Transformers, GPT), and AI model development. Proficient in [Python](#), [Scikit-learn](#), and experienced in building ML models for {anomaly detection, trade prediction}. Strong in [data structures](#), [algorithms](#), [SQL](#), [MongoDB](#), and the full software development lifecycle. Passionate about solving complex problems with AI-driven solutions.

Skills

• C++ , Python, JavaScript, React, SQL, [Data Structures](#) , [MongoDB](#) , [Algorithms](#) , OOP.

Projects

Random GIF Generator

[ClickME](#)

- A GIF Generator app in [React](#) with two features: one fetches a random GIF from an API when a button is clicked, and the other retrieves GIFs based on user input (e.g., search term). The app uses [React](#) state to store and display the GIFs, updating the content either randomly or based on the search query entered by the user.
- Tools and Technologies Used: [HTML](#), [CSS](#), [JavaScript](#), [React](#)

TriGrid

[ClickME](#)

- [TriGrid](#) is a modern twist on the classic [Tic-Tac-Toe](#) game, where players compete to align their symbols across a 3x3 grid. The game features interactive gameplay with a clean, minimalist design, allowing users to play against a friend.
- Tools and Technologies Used: [HTML](#), [CSS](#), [JavaScript](#)

Customer Churn Prediction

[ClickME](#)

- [Customer Churn Prediction](#) identifies customers likely to leave a business, enabling targeted retention efforts. It's used in industries like [telecom](#), [banking](#), and [retail](#) to improve customer retention and reduce attrition.
- Tools and Technologies Used: [Python](#) ([Pandas](#), [NumPy](#), [Scikit-learn](#)), [SQL](#), machine learning algorithms ([Logistic Regression](#), [Decision Trees](#))

Education

Meerut Institute of Engineering and Technology, B.Tech ([CSE with Data Science](#))

Sept 2021 – May 2025

- GPA: [7.5/10.0](#)

Kendriya Vidyalaya Sikh Lines, Meerut, High School

Apr 2018 - Mar 2019

- Percentage: [80.6%](#)

Kendriya Vidyalaya Sikh Lines, Meerut, Intermediate

Apr 2020 - Mar 2021

- Percentage: [90.2%](#)

Skills and Achievements

- 5-star coder in [C++](#) ([HackerRank Profile](#))
- [SQL Intermediate](#) ([Link](#))
- Problem Solving ([Link](#))
- Solved 150+ problems ([LeetCode Profile](#))
- Solved 150+ problems ([GeeksforGeeks Profile](#))