

Ankesh K. Singh

Machine Learning Engineer

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SUMMARY

A highly motivated and aspiring Machine Learning Engineer with a strong foundation in data analysis, machine learning algorithms, and natural language processing. Seeking opportunities to leverage my knowledge and enhance my expertise in AI/ML projects. Passionate about solving real-world problems using data-driven solutions.

SKILLS

- **Languages:** Python3, Java, C
- **Frameworks:** TensorFlow, PyTorch, Scikit-Learn, Streamlit, Docker
- **Tools/Platforms:** MySQL, Pandas, NumPy, Hugging Face, Git
- **Soft Skills:** Problem-Solving Skills, Time Management & Prioritization, Decision-Making, Adaptability

PROJECTS

- **Earthquake Prediction Using Machine Learning:** Jan 2025 – Feb 2025
An impressive **Machine Learning Model** to predict information about **earthquakes**. Dataset from **United States Geological Survey (USGS)** contains information about past earthquakes including **date, latitude, longitude, magnitude, Depth** etc. Deployment of model using **Streamlit**.
- **Exploratory Data Analysis on Climate Change Dataset:**
This project involved performing **Exploratory Data Analysis (EDA)** on a **Climate Change** dataset to uncover trends, patterns, and insights related to global climate variations. The dataset included various climate-related factors such as **temperature anomalies, CO2 emissions, sea level rise, precipitation, and extreme weather events**. The goal was to **analyze the impact of climate change** over time and across different regions.
- **Password Management Application with Java:** Mar 2024 - April 2024
An application developed using **Java, Swing** with features including **Password Storage & Encryption, Password Generation, Database & Data Security**, User-Friendly Interface, Backup & Export Options.

CERTIFICATES

- Complete Machine Learning & Data Science Program by GeeksForGeeks. July 2024 - Aug 2024
- Machine Learning & its Applications by Indian Institute of Technology, Roorkee September 2024
- Java (Intermediate) by HackerRank September 2023

ACHIEVEMENTS

- **Secured around 89 percentile in JEE Mains 2022 & qualified for JEE Advanced 2022:**
Among **top 10% students** in JEE Mains engineering entrance examination 2022 which made me JEE Advanced qualified and availed 25% scholarship in Lovely Professional University
- **Runner-up in Mathematics Experiment Competition organised by SVM Schools in India :**
I got **2nd rank** in Mathematics Experiment Competition in Cuttack, Odisha in 2018
- **Secured 3rd rank in the GeeksForGeeks Contest:**
Have been among top 3 in GeeksForGeeks contest in 2024

EDUCATION

- **Lovely Professional University, PB** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.12 Since August 2022
- **SVM School, Ranchi, JH** Ranchi, Jharkhand
Intermediate; Percentage: 83% April 2019 - March 2021
- **SVM School, Ranchi, JH** Ranchi, Jharkhand
Matriculation; Percentage: 85% April 2018 - March 2019