Karishma Saxena

AI / MACHINE LEARNING ENGINEER

📞 **+91-7522896206**   ✉ **saxenakarishma13@gmail.com**   📍 **Bangalore, India**   in **linkedin.com/in/karishma-saxena**

SUMMARY

Dedicated AI/ML Engineer specializing in NLP, Classification, and Deep Learning models with a solid Computer Science foundation. Proficient in data preprocessing and visualization using Python-based tools to build impactful products. Experienced Frontend Developer adept at integrating and presenting complex machine learning outputs for seamless real-world applications.

KEY SKILLS

• Machine Learning Methodologies • Supervised & Unsupervised Learning • Text Classification • Data Mining & Analytics • Predictive & Statistical Modelling • Natural Language Processing (NLP) • Deep Learning Fundamentals • Data Analysis & Visualization • Feature Engineering • Model Evaluation • Python Programming • Applied AI & ML Workflows

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL

Packages / Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, OpenCV, TensorFlow, NLTK, Spacy

Machine / Deep Learning: Linear Regression, Logistic Regression, Decision Tree, Support Vector Machine (SVM), K-Means Clustering, CNN, RNN (basic)

Natural Language Processing: Text Classification, Tokenization, Lemmatization, NLP Preprocessing, Sentiment Analysis

Database: PostgreSQL, SQL Server

Statistics / ML: Regression Techniques, Exploratory Data Analysis (EDA), Hypothesis Testing

Frontend & ML Visualization: React, HTML5, CSS3, REST API Integration

PROFESSIONAL EXPERIENCE

Frontend Developer (Data & AI-Integrated Applications)
JAN 2025 – NOV 2025
Ravana Logistics & Technologies Pvt. Ltd.
Bangalore, India

- Developed scalable React-based dashboards for logistics platforms handling structured and API-driven datasets.
- Implemented filtering, pagination, and role-based views to support operational and analytical workflows.
- Collaborated with backend teams to integrate REST APIs and display data insights effectively.
- Optimized UI performance for data-heavy applications, improving responsiveness and usability.

Frontend Developer – AI Product Interface
JAN 2024 – AUG 2024
Legals Log Technologies
Remote / Bangalore

- Designed and implemented frontend interfaces for an AI-powered legal assistance platform.
- Integrated AI-generated outputs into workflows such as case tracking and document-related views.
- Focused on clean UI, usability, and structured presentation of AI-driven data.

PROJECTS

Stock Portfolio Management & Prediction (ML)
Python, Pandas, Scikit-Learn

- Performed data preprocessing and applied regression techniques to analyze stock trends.
- Visualized financial insights using Matplotlib and Seaborn for interactive dashboards.

Text Classification System (NLP)
NLTK, Python

- Implemented NLP preprocessing (tokenization, lemmatization) and built classification models for automated text tagging.

EDUCATION

Bachelor of Technology in CSE (Artificial Intelligence) — GRADUATED 2025
Teerthanker Mahaveer University — CGPA: 8.3 / 10

Senior Secondary (Class XII) — CGPA: 7.2
DON & Donna Convent School

Secondary (Class X) — CGPA: 6.8
DON & Donna Convent School

CERTIFICATIONS

AMCAT Certified – Data Processing Specialist (April 2025)