

SAMAKSH JAIN

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Professional Summary

AI and ML Engineer with hands-on experience in Machine Learning, Deep Learning, NLP, and LLM-based systems. Skilled in building AI-powered chatbots, CNN models, and real-time classification systems using Python, TensorFlow, and APIs. Seeking AI/ML or Backend roles

Education

VIT Bhopal University (Sehore, India)

Oct 2022 – Jul 2026

Bachelors in Technology (B.Tech), Computer Science (Minors in AI and ML), Current CGPA: 7.26

Technical Skills

- Programming Languages: Python, SQL
- AI/ML/NLP: Natural Language Processing, Machine Learning, Deep Learning
- Frameworks and Libraries: NumPy, Pandas, Matplotlib, Seaborn, Tensorflow, PyTorch, Scikit-Learn

Experience and Internships

NWAY TECHNOLOGIES (Indore, India)

May 2025– July 2025

AI Engineer Intern

- Developed an ERP outreach bot using Python and LLM APIs, improving customer outreach automation and reducing manual workload with a Python backend, integrating Speech-to-Text, Text-to-Speech, Large Language Models (LLMs using API calls), and Telephony Services.
- Curated and pre-processed a dataset of 10,000+ entries, reducing model training error rates by 15% and contributed to the development of departmental AI projects in a time-sensitive environment including the ERP Chatbot.

Projects

KICKSMART AI (Capstone Project)

Aug 2025– Sep 2025

Python AI Developer

- An AI recommendation software that provides performance analysis and improvement plans for football athletes.
- Implemented prompt engineering on Llama-3 model using Groq API to deliver personalized athlete feedback, achieving sub-200ms response latency

Emotion Detection

Oct 2025– Dec 2025

Personal Project

- Designed and trained a CNN-based deep learning model using TensorFlow and OpenCV for real-time emotion detection.

Email Spam Classifier

Oct 2025– Nov 2025

Personal Project

- Created an Email Spam classifier using Python, its libraries like pandas, Scikit-learn and tools like count vectorizer
- Achieved 98% accuracy in spam detection by implementing Logistic Regression on a dataset of 5,000 emails

Clothing Type Classifier

Oct 2025– Dec 2025

Personal Project

- Created a clothing type classifier using Python, deep learning(CNN) and its libraries
- Designed a CNN architecture with neural layers, achieving 89% classification accuracy across 10 clothing categories

Certifications

- Certification in IBM AI Engineering (Nov 2023 - Dec 2023)
- Certification in GEN AI Using IBM Watsonx (Jan 2025 - May 2025)
- IBM Certification in Blockchain Fundamentals (Jan 2025 - May 2025)
- IBM Certification in Blockchain Developer (Jan 2025 - May 2025)