

Kanisha Ravindra Sharma

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SUMMARY

Machine Learning and AI Engineer with experience building and deploying AI-driven applications, optimizing deep learning models, and applying ML solutions to real-world problems.

EDUCATION

VIT Bhopal University

B.Tech in CSE with specialization in AI & ML – (CGPA: 9.08)

Sep 2023 – Present

EXPERIENCE

GSSoC Project Admin and Contributor

GSSoC – GirlScript Summer of Code

July 2025 - Present

- Reviewed 40+ PRs and improved project efficiency by 20%.
- Led and managed project workflow, and ensured quality open-source contributions.

Python Programming Intern

VaultOfCodes – Remote

June 2025 – June 2025

- Successfully completed a structured 1-month internship program focused on enhancing practical skills in Python Programming through hands-on projects

PROJECTS

[MindWell](#) – Role: Architect & Sole Developer

Artificial Intelligence & Gen AI Project

Sep 2025

APIs, Flask, Tensorflow

- Developed and deployed an AI-driven youth mental wellness platform with modules for journaling, mood tracking, community support, and a single-player game, aimed at promoting emotional well-being.
- Engineered an emotional support chatbot using Google's Gemini API for conversational AI, integrated with Google Search API to provide instant access to mental health resources and helplines.

[AgriTech](#) – Role: Machine Learning Engineer

Machine Learning Project

May 2025

Python, Scikit-Learn, Flask

- Built an AI-powered web app for solving all the farming related problems from seed to harvest and beyond.
- Trained classification models on soil and weather data for smart crop recommendations and got 99.3% accuracy using Random Forest Classifier.
- Trained a model on season, state and area related data for crop yield prediction and got 93.5% accuracy using XGBoost Regressor.

TECHNICAL SKILLS

Programming & Scripting: Python (NumPy, Pandas, Matplotlib, Seaborn), C++

Machine Learning: Supervised & Unsupervised Learning, Feature Engineering, Model Training, Hyperparameter Tuning, Model Evaluation (Accuracy, F1, AUC), Scikit-learn

Deep Learning: Neural Networks, CNNs, RNNs, LSTMs, Transformers; TensorFlow, Keras, PyTorch

NLP & Generative AI: Text Preprocessing, Sentiment Analysis, Embeddings (Word2Vec, BERT), Google Gemini API

Web Development: HTML, CSS, JavaScript (Frontend integration for ML models)

Version Control: Proficient in using Git for version control; experienced with GitHub

ACHIEVEMENT

HackLoop Hackathon– 2nd Runner Up

- Secured 2nd Runner-Up out of 500+ teams at HackLoop Hackathon 2025, demonstrating innovation and problem-solving.
- Collaborated in a team to build and present a tech-driven solution, showcasing strong technical expertise and teamwork.

Neural Nexus Hackathon – Finalist

- Selected as a finalist among 200+ teams for building an innovative AI/ML-based solution among numerous participants.
- Demonstrated strong problem-solving skills, teamwork, and technical execution under time constraints.