

KUMAR ABHINAV

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 iamabhinav.lovable.app

Professional Summary

Aspiring Data Scientist and AI Engineer with strong foundations in Python, Machine Learning, and Web Development. Proven ability to build ML applications, clean data, and deliver end-to-end AI solutions. Passionate about turning ideas into deployable technology with intuitive user experiences.

Education

MCA, VTU, Belagavi	2024 – 2025
BCA, Presidency University, Bangalore	2020 – 2023
Schooling, Kendriya Vidyalaya	2007 – 2020

Technical Skills

Languages: Python, C, C#, Java, MySQL

Tools & Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, PyTorch, Django, OpenCV

Experience

Exposys Data Labs — Data Scientist & AI Intern Nov 2024 – Dec 2024

- Cleaned and preprocessed real-world datasets to reveal data patterns.
- Built a predictive ML model for diabetes with 75% accuracy after optimization.
- Designed a Django-based user interface to deploy the model for public access.

Projects

1.DocBot – AI Medical Assistant

Accepts natural language symptoms and predicts diseases using ML ensemble.
Combines SVM, Random Forest, KNN, and Logistic Regression for improved reliability.

Tech: Django, Scikit-learn, HTML/CSS

2.Diabetes Prediction App

ML app that analyzes health metrics to assess diabetes risk.
Integrated frontend and backend using Django.

Tech: Python, Django, Scikit-learn

3.Fitness Reward System

Uses OpenCV and MediaPipe to track posture, movement, and reward fitness goals.

Tech: Python, Kivy, OpenCV

Achievements

- Runner-up at college-level Hackathon for innovative AI solution.