Siddharth Singh Verma

 Siddharth | in siddharth-singh-verma | ✉ singhsidver@gmail.com | ☎ 7060678775 | 🌐 Portfolio

Dehradun, Uttarakhand, India

SUMMARY

Final-year B.Tech (CSE) student with hands-on experience building AI-powered applications, machine learning models, and web solutions. Strong background in Python, deep learning, and delivering practical, data-driven results through innovative projects.

SKILLS

Programming Languages:	Python, C++
Machine Learning Libraries:	TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib
Web Development:	Django, Flask, HTML, CSS, JavaScript, Gradio
Other Tools:	Git, Linux, Windows

PROJECTS

ResuMatch – AI-powered Resume-Job Matching Platform   Live Demo | GitHub

Developed a Django-based platform leveraging generative AI (BERT, GPT) and traditional ML (Logistic Regression, Random Forest, XGBoost) to match resumes with job descriptions. Key features include keyword matching, smart suggestions, match score analysis, and grammar checking. The system provides actionable insights and a comprehensive compatibility score to help job seekers optimize their resumes.

Heart Disease Prediction   GitHub

Developed a machine learning solution to predict heart disease using the UCI Heart Disease dataset. Explored and tuned Logistic Regression, K-Nearest Neighbors, and Random Forest models, achieving up to 85% accuracy. Built a Gradio-based GUI for user interaction and visualized model performance with various graphs.

Sentiment Analysis Web Application   GitHub

Developed a Flask-based web app for real-time sentiment analysis of text using a machine learning model trained on Twitter data. The app features a user-friendly interface and classifies input as positive, negative, or neutral.

COURSES & CERTIFICATIONS

Django Application Development with SQL and Databases by IBM	Certificate Link
Generative AI with Large Language Models by DeepLearning.AI	Certificate Link
Complete A.I and Machine Learning, Data Science Bootcamp	Certificate Link
Crash Course on Python by Google	Certificate Link

EDUCATION

2021 - present	B.Tech (CSE) at **Graphic Era Hill University**	(CGPA: 8.6/10)
2021	Class 12th CBSE Board	(grades 79.80/100)
2019	Class 10th CBSE Board	(grades 87.10/100)