

# Surekha Gandhi

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## Profile

Computer Science undergraduate (CGPA: 9.4) with strong foundations in Machine Learning, Python, and Data Structures & Algorithms. Built ML projects across regression, classification, and NLP. Solved 350+ coding problems. Seeking a Machine Learning internship to apply analytical and model-building skills.

## Education

**Rajiv Gandhi University of Knowledge Technologies, Etcherla**  
B.Tech in Computer Science Engineering

Aug 2024 – May 2027  
**CGPA: 9.4**

## Projects

### Spam Mail Classification (NLP)

Python, Scikit-Learn, TF-IDF

- Built a spam detection model using TF-IDF feature extraction.
- Trained Naive Bayes classifier and evaluated using precision, recall, and F1-score.
- Performed tokenization, stop-word removal, and normalization.

### Titanic Survival Prediction

Python, Pandas, Scikit-Learn

- Developed classification models for survival prediction.
- Handled missing values, encoded categorical features, and normalized data.
- Compared Logistic Regression and Random Forest models.

### Student Score Prediction

Python, Pandas, Scikit-Learn

- Built a linear regression model to predict exam scores.
- Conducted data cleaning, EDA, and visualization.
- Evaluated model using MSE and  $R^2$  score.

## Technical Skills

**Languages:** Python, Java, C/C++, SQL, JavaScript

**Machine Learning:** Scikit-Learn, Pandas, NumPy, Matplotlib, NLP (TF-IDF)

**Frameworks/Tools:** Flask, FastAPI, React, Git, VS Code, PyCharm

## Coursework

Data Structures & Algorithms, Machine Learning, DBMS, Operating Systems, Computer Networks, OOP, Data Mining

## Achievements

- Solved 350+ coding problems across LeetCode and HackerRank.
- Maintained CGPA of 9.4 with consistent academic performance.

## Certifications

HackerRank – Python, Problem Solving

Scaler – Python Programming Course

Great Learning – Python for Machine Learning