

# Shaik Tasleem Sultana

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## Summary

Passionate computer science student with a strong foundation in CS principles. I am dedicated and eager to learn continuously and grow so that I can contribute my skills to develop innovative projects that make a positive impact on my career. I constantly seek to expand my knowledge and aspire to gain practical experience, which helps me to develop new skills.

## Education

BS	<b>CT University</b> , Bachelor Of Technology • GPA : 9.47	Aug 2022 – June 2026
12th	<b>Narayana Jr College</b> • Percentage: 97	2018 – 2020
SSC	<b>Sri chaitanya High School</b> , Board of Secondary Education • GPA: 10.0	2018

## Key Skills

- **Programming:** Python (Pandas, Scikit-learn), SQL (Filtering, Joining, Aggregating)
- **Machine Learning:** Linear Regression, Data Cleaning 'I&' Transformation, Feature Engineering, Model Selection 'I&' Evaluation, Productionalization, Algorithm Selection, NLP.
- **Data Visualization:** Power BI (Dashboard and Report Creation)
- **Developer Tools:** Tkinter, Joblib, Google Colab, Flask, Git/GitHub, REST APIs, Containerization (Docker)
- **Soft Skills:** Cross-Functional Collaboration, Effective Communication, Analytical Problem-Solving

## Internships

### Pursuit Future Technologies - AI intern

Developed and deployed a customer churn prediction model, resulting in 85% prediction accuracy for identifying at-risk customers. Conducted exploratory data analysis and feature engineering to optimize model performance.

Python, Scikit-learn, Tkinter, Joblib, Pandas, Power BI

### Skills4Future (Shell India markets Pvt limited & Edunet Foundation)– AI & ML In tern (Green Skills)

Developed a Linear Regression ML model for medical insurance cost prediction; focused on data preprocessing and statistical testing to achieve a final R squared score.

Tools used: Python, Tkinter, Joblib, Pandas

## Projects

### Medical Insurance Cost Predictor

The project uses a Python Flask backend to serve predictions from a machine learning model, which are then accessed via a separate Python Tkinter desktop GUI.

Tools used: Python, Tkinter, Joblib, Pandas

### URL Spam Detector

Built a multi-class classification model to predict URLs as 'benign', 'malware', or 'phishing'. Engineered complex features (e.g., domain age, token count) from raw URLs to improve model discriminative power using Scikit-learn.

Tools used: Python, Scikit-learn, Tkinter, Joblib, Pandas

### House Price Prediction

Project typically involves collecting historical housing data and applying algorithms to predict future prices.

Tools used : Python, Google colab, Linear Regression ML model

## Certifications

- Certificate in Big Data from IBM, Certificate in Machine Learning from IBM, Certificate in Python 101 from IBM