

UTPAL RAJ



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<https://github.com/utpal16raj09>

SKILLS

C, C++
Python
Git, GitHub
SQL
HTML, CSS
Data Structures
Quick thinker
Adaptability
Problem solving

INTERESTS

Web Development
Data Structures
Computer Networks

EDUCATION

B. TECH (CSE)
SRM University
2023 – 2027
9.42

INTERMEDIATE
St. Thomas Sen. Sr.
School
2020 – 2022
88.8 %

MATRICULATION
St. Thomas Sen. Sr.
School
2020
92.8 %

PROFESSIONAL PROFILE

Motivated and detail-oriented B. Tech Data Science student with a strong foundation in C, C++, Python, and Java. Passionate about web development, data structures and computer networks, with a proven ability to apply problem-solving skills in real-world scenarios. Proficient in Git, SQL, and front-end technologies, with some reputed certifications. A proactive learner committed to continuous growth and teamwork in dynamic environments.

PROJECTS

Text Comparison Tool

(August 2024)

Developed a Python-based GUI tool using Tkinter for comparing text files or manually entered text.

Technologies: Python, Tkinter, nltk, difflib.

Age and Gender Detection System

(September 2024)

Developed a real-time age and gender detection system using OpenCV and pre-trained deep learning models to capture video from a webcam, detect faces, predict age and gender, and map 68 facial landmarks.

Technologies: Python, OpenCV, TensorFlow, Caffe, Machine Learning

Simple Calculator

(October 2024)

Developed a simple calculator using java swing for performing some basic and simple mathematical calculations.

Technologies: JavaSDK, Java Swing

Personal Text Editor

(March 2025)

A personal text editor built with some additional features for smooth in-browser editing and file management.

Technologies: Python, Tkinter, HTML, CSS, JS

CERTIFICATIONS

Programming in Java (*NPTEL*)
Python 101 for Data Science (*IBM*)
C for Everyone: Programming Fundamentals (*Univ. of California, Santa Cruz*)
MATLAB Onramp (*MathWorks*)
Image Processing Onramp (*MathWorks*)
Certificate of Achievement (*HackWithIndia*)