YUVASRI SEKARAN

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Objective

Aspiring software developer proficient in Python and C++, aiming to leverage technical skills and project experience to contribute effectively to a dynamic team while pursuing continuous learning opportunities.

Education

Anna University, B.E.Computer Science and Engineering   Nov 2021 - April 2025
- **Name of the Institute:** Vivekanandha College of Engineering for Women
- CGPA: 8.51/10.0
- Class : First Class With Distinction

State Board, H.S.C   June 2020 - Mar 2021
- **Name of the Institute:** Fatima Girls Higher Secondary School
- Percentage : 82/100

State Board, S.S.L.C   June 2018 - Mar 2019
- **Name of the Institute:** Fatima Girls Higher Secondary School
- Percentage : 77/100

Significant Achievements

- Certified for completing the 50-Hours Code Challenge at the School of Design Thinking and honored with the Ascent Award.
- I have completed an NPTEL course in Python for Data Science with a score of 66
- Completed C++ and Python courses with 94 Percentage and 99 Percentage in Cybernaut, enhancing my programming skills.
- Participated in the "Codrithm" event at ARIVOLI-2K25, a National Level Technical Symposium.
- Certification of Typewriting First class with distinction.
- Done a Python Course in (IBM) through Online mode.
- Achieved a Silver certification in Python on Hackerrank.
- Won 3rd Prize in Drawing (Mandala art, Painting (National Science Day)) during 1st year.
- Awarded certification for maintaining 100% attendance during all 3 academic years of college.

Projects

Cancer Cell Classification (ML):
- Developed a machine learning model using SVM and Random Forest to classify cancer cells as benign or malignant. Built a user-friendly interface with Tkinter for easy model interaction and predictions.

Career Guidance Tool (Full-Stack Web Application):
- Developed a career recommendation system for students and job seekers using Flask, MySQL, HTML, CSS, and JavaScript. Designed an assessment-based quiz to evaluate user interests and skills, and provided personalized career suggestions. Implemented a user-friendly interface for seamless interaction, with secure login and data storage features.

Weather Climate :
- Developed a weather application that leverages the Tkinter framework to provide real – time weather updates for any given district. With this tool, users can easily input their location and get accurate weather forecasts right at their fingertips.

Publications

International Journal of Innovative Research in Technology   Mar 2025

Title: Career Guidance Tool for Students and Job Seekers Using Psychometric and Activities

Published in Volume 11 Issue 10/Paper ID : 174062

Internship

- Internship on Data Science with python in Nxtlogic Software Solutions at for (One month).
- Internship on Python in Elewayte from (Three month) through Online mode.
- Internship on C++ Programming in Technohacks for (one month).

Technologies

Languages: Python, C++, SQL, HTML

Tools: MS Word, MS Power Point, MS Excel, Visual Studio.