Sarah Thomas

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LeetCode :https://leetcode.com/u/sarah_thomas/

Technical Skills: C++, Python, Java, HTML, CSS, MySQL

EDUCATION			
Course/ Board	**Tenure**	**Educational institution**	**CGPA/Percentage**
B. Tech (CSE Specialization in Cloud Computing and Automation)	Sept 23-Ongoing	VIT Bhopal University	8.79/10
Class XII CBSE	May 2023	St. Joseph's Convent Sr. Sec. School, Sagar, Madhya Pradesh	78.8%
Class X CBSE	May 2021	St. Joseph's Convent Sr. Sec. School, Sagar, Madhya Pradesh	92%

ACADEMIC PROJECTS	
My Meal Mate – Personalized Meal Recommendation System	• Developed a user-centric meal planning application with interactive UI for inputting nutritional needs, database of meals with nutritional content and algorithms to suggest meals based on dietary restrictions. • Tech Stack: Python, Pandas. NumPy, Scikit-Learn, HTML, CSS
Hybrid Ensemble Model for Enhanced Cancer Cell Classification using Machine Learning	• Developed a machine learning system to detect cancerous cells from medical image dataset using ensemble classification techniques. • Tech Stack: Python, Scikit- Learn, OpenCV, Pandas, NumPy, Matplotlib

KEY ACHIEVEMENTS	
	• Successfully participated in DrGViswanathan Challenge organized by the PAT Team in 2024, practicing consistency with coding for regular 100 days. • Successfully participated in Mother's Day and Father's Challenge organized by the PAT Team in 2025, practicing consistency with coding for regular 50 days.

CERTIFICATIONS	
NPTEL Introduction of Internet of Things	A course covering the fundamentals of Sensors, Cloud Computing and Connectivity Technologies
Zenken Japanese Language Crash Course (Beginner Level) *Zenken Japanese Language Learning N5 Level Certification course	Completed a session covering Hiragana, basic vocabulary, sentence structure, essential particles and greetings. *Currently enrolled for N5 certification course.
Coursera Applied Machine Learning in Python	A course that covers the fundamentals of several Machine Learning algorithms.

Coursera HTML, CSS and JavaScript for Web Developers	A course that acquaints us to the basics of the three languages.
Coursera The Bits and Bytes of Computer Networking	An introductory course that enlists the basics of Computer Networks.
VITyarthi Fundamentals of AI and ML	An introductory course of Artificial Intelligence and Machine Learning Algorithms.
VITyarthi Introduction to Programming using Python	A course which consisted the Basics of Python Programming.
MathWorks MATLAB Onramp	A course with the basics of MATLAB.

RESPONSIBILITES

- Appointed as the Club Coordinator of E- Green Club at University.
- Served as the Education Minister in the School Parliament during the academic year 2022-2023.
- Selected as the Ms. Josephite (Best Student Award) of my Batch 2022 – 23.

INTERESTS

Music	Cooking	Travelling	Gardening

LANGUAGES

English	Hindi	Malayalam