

Sarah Thomas

+91- 9993137915| sarahdia925@gmail.com| www.linkedin.com/in/sarah-thomas-40a301289/ | <https://github.com/THOMAS-SARAH>

SUMMARY

Passionate pre-final year student, actively exploring new areas in technology, especially cloud computing and emerging fields. I have gained hands-on experience by building projects using Python, Scikit-Learn, and constantly seeking to improve skills. I take initiative in team projects, troubleshoot real world problems and share ideas to achieve great group success. My goal is to apply what I learn to contribute to innovative solutions in technology and cloud-based platforms, and eager to take new challenges and responsibilities that help me grow.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, SQL, JavaScript

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, Git, ReactJS, Node.js, Express.js, MongoDB, Tailwind CSS

PROJECTS

StudentSathi – A One-Stop Digital Guide for Student Empowerment

June 2025 – Ongoing

Full Stack Web Application

ReactJS, Node.js, Express.js, MongoDB, CSS, Tailwind

- Developing a platform to help students access government schemes, apply for key documents and discover educational resources
- Building modules for ID/Document desk, skill development, certification support, results tracking and helpline access.
- Designing interactive UI and integrated backend with cloud database for dynamic content and user assistance

Hybrid Ensemble Model for Enhanced Cancer Cell Classification

Jan 2025 – April 2025

Machine Learning Project

Python, Scikit- Learn, OpenCV, Pandas, Matplotlib

- Developed a machine learning system to detect cancerous cells from medical images
- Applied ensemble classification techniques for improved accuracy
- Preprocessed image data and visualized results for model evaluation

My Meal Mate- Personalized Meal Recommendation

Sept 2024 – Dec 2024

Web Application Development

Python, Pandas, NumPy, Scikit – Learn, HTML, CSS

- Built a user-centric meal planning application with interactive UI for nutritional input
- Created a comprehensive database of meals with nutritional information
- Implemented algorithms to recommend meals based on dietary restrictions

EDUCATION

VIT Bhopal University

8.79/10

B.Tech in Computer Science specialization in Cloud Computing and Automation

Sept 2023 – Ongoing

St. Joseph's Convent Sr. Sec. School, Sagar (CBSE)

7.88/10

AISSCE

June 2021– May 2023

St. Joseph's Convent Sr. Sec. School, Sagar (CBSE)

9.2/10

AISSE

April 2020– May 2021

CERTIFICATIONS

- NPTEL Introduction of Internet of Things
- Zenken Japanese Language Summer Crash Course
*currently enrolled for N5 Certification as well.
- Coursera Applied Machine Learning in Python
- Coursera HTML, CSS AND JavaScript for Web Developers.