Sarah Thomas

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EDUCATION

VIT Bhopal University   *Sept 2023 – Ongoing*
B.Tech in Computer Science specialization in Cloud Computing and Automation   *8.82/10*

St. Joseph's Convent Sr. Sec. School, Sagar (CBSE   *June 2021– May 2023*
AISSCE   *7.88/10*

St. Joseph's Convent Sr. Sec. School, Sagar (CBSE)   *April 2020– May 2021*
AISSE   *9.2/10*

TECHNICAL SKILLS

Programming Languages: Java (Proficient), Python, JavaScript

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

CS Fundamentals: DBMS, OS, Computer Networks, Theory of Computation and Compiler Design, Cloud Fundamentals

EXPERIENCE

Data Analyst Intern   Jan 2026 – Ongoing
Null Class
Working on real-world, industry-relevant datasets to identify patterns, trends,   Remote
and anomalies by applying data analysis and statistical techniques,
with the goal of deriving meaningful insights that support data-driven decision-making

PROJECTS

StudentSathi – A One-Stop Digital Guide for Student Empowerment   **J**une 2025 – Ongoing
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
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
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

CERTIFICATIONS

AWS Solution Architect Virtual Job Simulation, NPTEL Internet of Things, Computer Networks, AWS Educate Introduction to Generative AI.