

Sarah Thomas

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EDUCATION

VIT Bhopal University <i>B.Tech in Computer Science specialization in Cloud Computing and Automation</i>	<i>Sept 2023 – Ongoing</i> 8.81/10
St. Joseph's Convent Sr. Sec. School, Sagar (CBSE) <i>AISSE</i>	<i>June 2021– May 2023</i> 7.88/10
St. Joseph's Convent Sr. Sec. School, Sagar (CBSE) <i>AISSE</i>	<i>April 2020– May 2021</i> 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

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

PROJECTS

StudentSathi – A One-Stop Digital Guide for Student Empowerment <i>ReactJS, Node.js, Express.js, MongoDB, CSS, Tailwind</i>	<i>June 2025 – Ongoing</i>
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- 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 <i>Python, Scikit- Learn, OpenCV, Pandas, Matplotlib</i>	<i>Jan 2025 – April 2025</i>
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- 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 <i>Python, Pandas, NumPy, Scikit – Learn, HTML, CSS</i>	<i>Sept 2024 – Dec 2024</i>
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- 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

- Zenken Japanese Language Summer Crash Course
*currently enrolled for N5 Certification as well.

OTHER INFORMATION

- Known Languages: English (Professional Proficiency), Hindi (Proficient), Malayalam (Native), Japanese (Beginner)
- Hobbies: Listening to music, Gardening, Cooking and Travelling

