

# Sarah Thomas

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## EDUCATION

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

<b>StudentSathi – A One-Stop Digital Guide for Student Empowerment</b> <i>ReactJS, Node.js, Express.js, MongoDB, CSS, Tailwind</i> <ul style="list-style-type: none"><li>• Developing a platform to help students access government schemes, apply for key documents and discover educational resources</li><li>• Building modules for ID/Document desk, skill development, certification support, results tracking and helpline access.</li><li>• Designing interactive UI and integrated backend with cloud database for dynamic content and user assistance</li></ul>	<i>June 2025 – Ongoing</i>
<b>Hybrid Ensemble Model for Enhanced Cancer Cell Classification</b> <i>Python, Scikit-Learn, OpenCV, Pandas, Matplotlib</i> <ul style="list-style-type: none"><li>• Developed a machine learning system to detect cancerous cells from medical images</li><li>• Applied ensemble classification techniques for improved accuracy</li><li>• Preprocessed image data and visualized results for model evaluation</li></ul>	<i>Jan 2025 – April 2025</i>
<b>My Meal Mate- Personalized Meal Recommendation</b> <i>Python, Pandas, NumPy, Scikit – Learn, HTML, CSS</i> <ul style="list-style-type: none"><li>• Built a user-centric meal planning application with interactive UI for nutritional input</li><li>• Created a comprehensive database of meals with nutritional information</li><li>• Implemented algorithms to recommend meals based on dietary restrictions</li></ul>	<i>Sept 2024 – Dec 2024</i>

## 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

