

VAISHNAVI R SARALAYA

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SUMMARY

Enthusiastic and detail-oriented M.Sc. Computer Science student with a strong academic background and certifications in data analytics and statistics. Skilled in Python programming, analytical thinking, and problem-solving. Interested in teaching and sharing knowledge with others, while seeking opportunities to contribute to data-driven projects in dynamic environments.

EDUCATION

M.Sc in Computer Science (9.78 CGPA) **2023 - 2025**

Yenepoya University

- Specialization in Artificial Intelligence Machine Learning and Data Science

Bachelor of Science (9.61 CGPA) **2020 - 2023**

Poornaprajna College Udupi

- Specialization in Physics, Mathematics and Statistics

INTERNSHIP AND PROJECTS

- Real Analysis:** Completed the Summer Research Fellowship Program held by the Indian Academy of Sciences, Bengaluru.
- Dynamic blogging website:** Developed a dynamic blogging platform with secure registration, real-time updates, interactive features, and optimized multi-device access.
- AI Research Intern, Prodigious AI Company:** Working on SLM project and researching AI core concepts.
- Braille Code to Speech Conversion using CNN:** Developed a CNN model capable of recognizing Braille code from images with 91% accuracy and converting it into text. Integrated Google Text-to-Speech (GTTS) to transform the generated text into speech, enhancing accessibility for visually impaired individuals.

ACHIEVEMENTS

- Attended the Mathematics Training and Talent Search Program (MTTS) at IISER Thiruvananthapuram, May-June 2022.
- Participated in the National Conference on the Scope of Research in Mathematics, December 2022.
- Attended the Young Talent Nurture Program (Mathematics) at IIST Thiruvananthapuram, May-June 2023.

ADDITIONAL INFORMATION

- Technical Skills:** Strong Analytical Skills, Proficient in Operating Various computer Applications, Python, Basic HTML, PHP and DBMS.
- Certifications:** Google data analytics (Coursera), Python for Data Science, Introduction to Data Analytics, Image processing, Machine learning with Python (Infosys Springboard)
- Languages:** English, Kannada, Hindi and Tulu
- Activities:** An active member of the Sports Association, consistently participating in academic, technical, and innovation-driven competitions. Secured First Prize in the Mathematics Fest at St. Aloysius College and the Statistics Fest at Mangalore University. Earned Second Prize in the National IT Fest at Canara College and First Prize in the IT Fest at St. Joseph College, demonstrating problem-solving and analytical skills across diverse domains. Also participated in multiple hackathons, showcasing creativity, teamwork, and practical application of technical knowledge. In addition, took part in numerous outreach programs, teaching mathematics to school students using self-built models to make learning engaging and effective.