



Sowmya Shetty

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About Me

Passionate and dedicated Computer Science undergraduate skilled in web development, programming, and problem-solving. Quick learner, adaptable, and open to feedback. Strong communicator with experience in teamwork and collaboration. Disciplined time manager, proactive, and self-motivated. Embraces growth mindset with patience and persistence. Ready to contribute effectively as a software engineering fresher.

Education

- ▶ **Alva's Institute of Engineering and Technology (VTU)**, Sept 2022 – May 2026
Bachelor of Engineering in Computer Science and Engineering
CGPA: **9.11**
- ▶ **Rotary Pre-University College, Moodbidri**, Jun 2020 – May 2022
Score: **96% PCMC**
- ▶ **Rotary English Medium School**, Jun 2008 – Jun 2020
Score: **88.89%**

Technical Skills

- ▶ **Languages:** C, Java, HTML, CSS, SQL, JavaScript, Excel
- ▶ **Tools:** Data Structures, Algorithms, ServiceNow, MySQL, Frontend/Backend Development, VS Code
- ▶ **Core Competencies:** Operating Systems, Fundamentals of Networking

Projects

- ▶ **Portfolio Website (HTML, CSS, JS)** **2025**
Designed and developed a responsive personal portfolio to showcase projects and skills. Focused on clean layout, mobile-friendly design, and smooth user experience using fundamental front-end technologies.
- ▶ **TUDAR (HTML, CSS, JS, Gemini API, Web Speech API)** **2025**
Built a multi-modal virtual assistant combining an animated web interface, a text-based chatbot using Gemini API, and a voice assistant with speech recognition and synthesis. Enabled intelligent conversations, time-based greetings, and command execution (e.g., opening Google/YouTube). Strengthened skills in AI integration, UI/UX design, and interactive web development.
- ▶ **SmartServe (HTML, CSS, JS, MySQL)** **2024**
Built a restaurant order system with real-time table tracking and automated billing. Cleared orders after billing for efficient turnover. Used MySQL for data storage. Strengthened full-stack development skills.
- ▶ **Tic-Tac-Toe Game (HTML, CSS, JavaScript)** **2024**
Developed a two-player game with dynamic win/draw detection and reset functionality. Designed clean UI with CSS Grid.

Internship Experience

- ▶ **Technical Intern, FixMyRide Startup** *Apr 2023 – May 2023*
Worked as a Technical Intern contributing to the company's web platform development, focusing on backend and frontend technologies.
 - Built a car wash booking website using HTML and CSS.
 - Worked with the team to improve the website's design and usability.

Achievements

- ▶ Solved 160+ questions on LeetCode.
- ▶ Certified by Infosys Springboard for Java Programming and CodeChef.
- ▶ NPTEL-certified in "Google Cloud Computing Foundation".
- ▶ **Primary Author** *Dec 2024*
The Interplay of HCI, AR, and VR: Mapping Growth, Research Contributions, and User Insights
Published in the IEEE 1st Global Conference on Cognitive Computing and Communication Technology (GC4T25). Explored the convergence of Human-Computer Interaction, Augmented Reality, and Virtual Reality through research mapping and trend analysis.

Extra-Curricular Activities

- ▶ Rajya Puraskar Guide awardee (2018).
- ▶ Senior-grade classical dancer and junior-grade Hindustani singer.
- ▶ Competed in hockey, volleyball, throwball; achievements in sprinting and shot put.
- ▶ Volunteered at 14th India's largest placement drive, Alva's Pragati.
- ▶ Crowd Management & Exhibition In-Charge at 25th International Cultural Jamboree of Scouts and Guides.
- ▶ Taught computer fundamentals to high school students in Kinnikambla.

Workshops and Certifications

- ▶ Micro-Certification: **ServiceNow Basics and Administration Fundamentals.**
- ▶ Attended workshops on Advanced Java.