Sowmya Shetty

📍 Sowmya Sadana, Mijar, Mangalore, Dakshina Kannada ✉ 14sowmyashetty23@gmail.com 📞 +91 7259310514
🔗 sowmyashetty14 ⭕ 14sowmyashetty23

About Me

A passionate and dedicated Computer Science undergraduate with strong skills in web development, programming, and problem-solving. I am eager to apply my technical knowledge and creativity to build practical and efficient software solutions while continuously learning through real-world projects and internships. I quickly pick up new technologies and remain open to feedback to improve iteratively. With clear verbal and written communication skills, I thrive in collaborative team environments. I am disciplined and manage my time effectively to meet deadlines, while staying self-motivated and proactive. Comfortable with change, I embrace adaptability and maintain a growth mindset, always eager to improve. My patience, persistence, and positive problem-solving attitude complement my technical abilities, enabling me to contribute meaningfully as a software engineer 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

- **TUDAR** *(HTML, CSS, JavaScript, Gemini API, Web Speech API)*
  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, JavaScript, MySQL)*
  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 and ensured responsive design. Strengthened full-stack development skills.

- **Tic-Tac-Toe Game** *(HTML, CSS, JavaScript)*
  Developed a two-player game with dynamic win/draw detection and reset functionality. Designed clean UI with CSS Grid.

- **Calculator App** *(HTML, CSS, JavaScript)*
  Created a responsive calculator with basic arithmetic and input validation. Focused on intuitive UI and reliable JavaScript logic.

Work Experience

- **Technical Intern**, *FixMyRide Startup*   April 2023 – May 2023
  Worked as a Technical Intern contributing to the company's web platform development, focusing on backend and frontend technologies.
  - Developed a car washing service management website using HTML and CSS, allowing customers to book services online.
  - Collaborated with the development team to maintain and enhance the website's user interface and user experience.

Achievements

- Solved 110 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.