

SRI VIBISHIKA V

CONTACT

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- 📍 Coimbatore

SKILL

- Programming: C Programming , Java
- Python (Anaconda)
- Mobile Development: Flutter
- React Native
- Frontend: HTML, CSS, JavaScript, React(Vite)
- Minor Specialization in Data Structures and SQL Concepts.
- Backend: Node.js, MongoDB Atlas
- Embedded & Mobile: Arduino IDE
- MIT App Inventor, React Native
- Tools: GitHub, Render, Vercel
- 3D Modeling: SketchUp, Ultimaker Cura

LANGUAGE

- English (Fluent)
- Hindi (Proficient)
- Completed Dakshina Bharat Hindi Prachar Sabha – Prathamik to 8th Level

Examination

CERTIFICATES

- NPTEL: Design for Biosecurity
- Participitated in BOSCH x Tinkerers' Lab IIT Hyderabad Hackathon
- HackerRank - Program Solving (Basic)
- Leetcode - 50 days Badge 2025
- Leetcode - June, July, August, September Badge 2025
- Leetcode - 100 days Badge 2025
- Coursera: Foundations of Cybersecurity
- Coding Contest: Coimbatore Institute of Technology
- Prompt Engineering: Coimbatore Institute of Technology
- Missing Code Contest: Coimbatore Institute of Technology
- Google DSC: Python & Machine Learning
- Typewriting English – First Class



PROFILE

Aspiring Software Engineer with expertise in embedded systems, IoT, and web development. Proficient in C, Java, Python, with experience in microcontrollers, medical devices, and emergency response systems. Passionate about tech-driven innovation and problem-solving.



INTERNSHIP

Medsby | Jan 2024

- Programming: Java
- Embedded Systems: Arduino IDE
- Mobile App Development: Flutter
- Software-Hardware Integration & Troubleshooting
- 3D Modeling: SketchUp, Ultimaker Cura

Masonic Healthcare | Jul 2024

- Hands-on training and Experience in Casualty , Pathology , Radiology , PICU, NICU and CSSD
- Skilled in medical equipment operation, maintenance, and optimization
- Focused on precision, safety, and innovation in medical technology.



EDUCATION

KPR Institute of Engineering and Technology | 2022 - 2026

BE Biomedical Engineering - 7.8 CGPA

PSG Public School | 2021 - 2022

HSLC - 72 %

PSG Public School | 2019 - 2020

SSLC - 79 %



PROJECT

- **Fem App Website:** Developed web application with UI/UX enhancements.
- **Lullabyte – AI-Based Infant Vocalization Classifier:** Developed a real-time infant sound classification system using a mobile app and Flask-based AI model to detect baby needs through audio analysis.
- **Smart Walking Stick:** Designed an assistive device with ultrasonic obstacle detection and buzzer alerts.
- **Paralyzed Foot Device:** Created a wearable support system with sensor-based mobility control.
- **Neuro:Gait Feedback Wearable for Depression Support:** integrated hardware-software device to monitor gait and provide real-time mental health feedback.
- **Todo Task Manager (Hackathon Project):** Real-time collaborative task app using Vite + React, Node.js, MongoDB, and Google OAuth. Features reminders, filters & team-friendly UI.
- **MoodMate – Mental Health Web App:** Colorful, user-friendly platform for mood journaling, emotion tracking, and anonymous support. Built with HTML, CSS & JS.
- **Q Card for Emergency Patients:** Built a real-time emergency response system enabling quick medical history access.