



EDUCATION

|  |           |                                       |           |
|--|-----------|---------------------------------------|-----------|
| Sri Eshwar College of Engineering                      | B.E.(ECE) | CGPA: 9.08 (upto 5 <sup>th</sup> sem) | 2022-2026 |
| Bharathiya Vidya Mandir Matric Higher Secondary School | HSC       | 93.83%                                | 2020-2022 |
| Bharathiya Vidya Mandir Matric Higher Secondary School | SSLC      | 85%                                   | 2019-2020 |

INTERNSHIPS

|  |      |
|--|------|
| <b>ReactJs - Celebal Technologies</b>  | 2025 |
| Implemented and developed responsive, high-performance ReactJS applications with efficient API integration, enhancing user experience and interface functionality.   |      |
| <b>MERN Stack - Better Tomorrow</b>  | 2024 |
| Leveraged MERN Stack expertise for robust API development, contributing to real-world projects with improved response times and query efficiency, while enhancing scalability and maintainability in diverse applications. |      |
| <b>Embedded Systems - Artiwez Technologies</b>   | 2024 |
| Gained hands-on experience with STM32 (ARM Cortex-M) and 8051 microcontrollers, specializing in PWM, I2C, SPI, and assembly programming for timers, interrupts, and serial communication.                                  |      |

PROJECTS

|  |      |
|--|------|
| <b>MedTrack</b>  | 2025 |
| Developed MedTrack, a comprehensive health management platform that tracks vital signs, medications, appointments, and integrates features like a dashboard, symptom prediction, health analysis, a chatbot, and emergency contact integration for seamless healthcare management. |      |
| <b>Tech stack :</b> MERN Stack, AI, Embedded Systems and IOT, Arduino IDE  |      |
| <b>MetroMinds: Innovative Urban Management System</b>  | 2024 |
| Implemented an AI-powered system using the MAX78000FTHR for earthquake prediction, flood monitoring, traffic management, waste management, and noise monitoring, complemented by a web app for real-time insights and control.   |      |
| <b>Tech stack :</b> MAX78000FTR, Embedded Systems and IOT, AI, MERN Stack, Eclipse MaximSDK  |      |
| <b>AgriSense: Revolutionizing Plant Management and Enhancing Farming Efficiency</b>  | 2024 |
| Built a plant management system with real-time environmental monitoring, offering features like crop disease prediction, crop and fertilizer recommendations, animal and pest detection, and a support chatbot.  |      |
| <b>Tech stack :</b> Embedded Systems and IOT, AI, MERN Stack, Arduino IDE  |      |
| <b>Smart Cart Billing System</b>   | 2023 |
| Designed an automated billing system that streamlines checkout with in-cart barcode scanning, automatic quantity adjustments, and secure online payments via generated QR codes, also by providing real-time price updates.  |      |
| <b>Tech stack :</b> Embedded Systems and IOT, Arduino IDE  |      |

CERTIFICATIONS

|   |      |
|---|------|
| Debugging Techniques for Serial Communications (I2C/SPI/UART)   <b>Microchip</b>                        | 2024 |
| Postman API Fundamentals Student Expert certification   <b>Postman and GeeksforGeeks</b>                | 2024 |
| Introduction to MongoDB for Students   <b>MongoDB</b>   | 2024 |
| SQL Certifications from HackerRank   Validates SQL skills for DBMS   <b>HackerRank</b>                  | 2024 |
| Python Certifications from HackerRank   Validates proficiency in Python Programming   <b>HackerRank</b> | 2024 |
| Mastering Data Structure and Algorithms Using C and C++   Advanced DSA learning course   <b>Udemy</b>   | 2023 |
| Programming in Java   Comprehensive Java programming course   <b>Nptel</b>                              | 2023 |

ACHIEVEMENTS

|                                    |   |
|------------------------------------|---|
| <b>Scilab Case Study Hackathon</b> | <b>Won Consolation prize</b> with a cash prize of INR 2,500/- organized by SciLab, FOSSEE, IIT Bombay                 |
| <b>Codesprint 2k25</b>             | <b>Won 2nd prize</b> with the cash prize of INR 15,000 hosted by St.Aloysius (Deemed to be University), Mangaluru     |
| <b>Ninjacart Hackathon</b>         | <b>Won 1st runner-up position</b> with a cash prize of INR 50,000 hosted at Ninjacart, Bangalore                      |
| <b>Anveshan (2024)</b>             | <b>Top 5 finalist</b> among 400 entries in college organized by Analog Devices  |
| <b>Tech Trek</b>                   | <b>Won 1st place</b> cash prize of INR 5,000 in an 8-hour non-stop hackathon organized by App Innovation Technologies |
| <b>Pravaah Hackathon</b>           | <b>Top 15 finalist</b> among 635 entries organized by Quadrant Technologies, Hyderabad                                |
| <b>Project Leap</b>                | <b>Secured 2nd place</b> in Java Sprint Week 2023 conducted for JavaFX and MySQL                                      |
| <b>KRISHNECS 2023</b>              | <b>3rd place</b> in the Ideas Ignite at Sri Krishna College of Engineering and Technology                             |
| <b>Project Expo 2023</b>           | <b>Clinched 1st place</b> in the First Year Project Expo exclusively held for First Year students                     |
| <b>LeetCode</b>                    | Secured Highest Rating of <b>1470</b>   <b>Profile</b>  |
| <b>CodeChef</b>                    | Secured Highest Rating of <b>1018</b>   <b>Profile</b>  |
| <b>HackerRank</b>                  | Achieved 4 stars in Java, 1 star in C, 1 star in SQL   3 Badges   <b>Profile</b>                                      |

SKILLS

|                               |  |
|-------------------------------|--|
| <b>Programming Frameworks</b> | Java   C   C++   Python (Basics)   React.js   Node.js   MERN Stack<br>Express.js   JavaFx                                      |
| <b>Core Databases</b>         | Data Structures and Algorithms   OOPs   Embedded Systems and IOT<br>MySQL   MongoDB  |
| <b>Microcontrollers</b>       | ESP8266   Arduino Uno   MAX78000FTHR   8051   STM32  |
| <b>Operating System</b>       | Windows   Linux  |
| <b>IDE</b>                    | VSCode   Arduino   IntelliJ IDEA   ModelSim   Eclipse STM32 Cube IDE   SciLab   Proteus   Keil<br>  MATLAB   Octave   Multisim |
| <b>Tools</b>                  | Figma   Canva   GitHub   COLAB   |