



## EDUCATION

Sri Eshwar College of Engineering	B.E.(ECE)	CGPA: 9.12 (upto 4 <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

**MERN Stack - Better Tomorrow** 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.

**Embedded Systems - Artiwez Technologies** 2024  
Gained valuable experience with 8051 microcontrollers in assembly programming and STM32 controllers, focusing on ARM Cortex-M, PWM, and I2C/SPI communication, with additional work in real-time signal processing.

## PROJECTS

**Smart Cart Billing System**  
Developed 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.  
**Tech stack :** Embedded Systems and IOT, Arduino IDE

**Stock Portfolio Tracker**  
Created an app that optimizes stock management through real-time monitoring, personalized alerts, and advanced analytics, boosting decision-making efficiency with intuitive data visualizations and trend analysis.  
**Tech stack :** Javafx, MySQL, Eclipse IDE, SceneBuilder

**AgriSense: Revolutionizing Plant Management and Enhancing Farming Efficiency**  
Developed 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.  
**Tech stack :** Embedded Systems and IOT, MERN Stack, Arduino IDE

## CERTIFICATIONS

Postman API Fundamentals Student Expert certification   <a href="#">Postman and GeeksforGeeks</a>	2024
Introduction to MongoDB for Students   <a href="#">MongoDB</a>	2024
SQL Certifications from HackerRank   Validates SQL skills for DBMS   <a href="#">HackerRank</a>	2024
Python Certifications from HackerRank   Validates proficiency in Python Programming   <a href="#">HackerRank</a>	2024
Mastering Data Structure and Algorithms Using C and C++   Advanced DSA learning course   <a href="#">Udemy</a>	2023
Programming in Java   Comprehensive Java programming course   <a href="#">Nptel</a>	2023

## ACHIEVEMENTS

<b>CodeChef</b>	Secured Highest Rating of <b>1052</b>   <a href="#">Profile</a>
<b>LeetCode</b>	Secured Highest Rating of <b>1630</b>   <a href="#">Profile</a>
<b>HackerRank</b>	Achieved 2 stars in Java, 1 star in C, 1 star in SQL   3 Badges   <a href="#">Profile</a>
<b>Ninjacart Hackathon</b>	Won <b>1st runner-up position</b> with a cash prize of INR 50,000 hosted at Ninjacart, Bangalore
<b>Pravaah Hackathon</b>	Top 15 finalist among 635 entries organized by Quadrant Technologies, Hyderabad
<b>Tech Trek</b>	Won <b>1<sup>st</sup> place</b> in an 8-hour non-stop hackathon organized by App Innovation Technologies
<b>ACETTECH FEST</b>	<b>1st place</b> in the Paper presentation at Akshaya College of Engineering and Technology
<b>Project Leap</b>	Secured <b>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>	Clinched <b>1st place</b> in the First Year Project Expo exclusively held for First Year students

## SKILLS

<b>Programming</b>	C   Java   Python   HTML   CSS   JavaScript   Embedded C   Verilog HDL
<b>Core</b>	Embedded Systems and IOT   Data Structures and Algorithm   OOPs
<b>Databases</b>	MySQL   MongoDB
<b>IDE</b>	VSCode   Eclipse   Arduino   IntelliJ IDEA   ModelSim   MultiSim   STM32 Cube IDE   Proteus
<b>Tools</b>	Figma   Canva   GitHub   COLLAB