



KANOJSAIRAM S A

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EDUCATION

Sri Eshwar College of Engineering	B.E (ECE)	CGPA 7.78(Upto 6th sem)	2022-2026
Jayanthi Matric Hr Secondary School	HSC	77.83%	2020-2022
Jayanthi Matric Hr Secondary School	SSLC	97%	2019-2020

EXPERIENCE

MERN STACK - Better Tomorrow

2024

Completed a MERN stack internship where I utilized React.js for UI development, Node.js for server-side logic, Express.js for API creation, and MongoDB for database management. Worked on real-time projects, optimizing web applications and enhancing real-time data handling, showcasing my MERN proficiency.

PROJECTS

BioSync360 : AI-Powered Telemedicine

2025

Developed an AI-driven telemedicine platform for remote healthcare access, enabling real-time health monitoring, predictive diagnostics, and secure doctor consultations. Integrated IoT-enabled smart sensing and AI-based analysis to enhance patient care and early disease detection. Designed a scalable and responsive system to ensure seamless performance and data security.

Tech Stack - React.js, Node.js, Express.js, MongoDB, Gemini AI, IoT & Smart Sensing.

Metro Minds : Urban Management System - [Live Demo](#)

2024

Implemented an IoT-powered solution for city infrastructure monitoring, addressing flood detection, earthquake prediction, traffic control, waste management, and city sound monitoring. Applied ML models and predictive analytics for proactive disaster management.

Tech Stack - C, React.js, Node.js, Express.js, MongoDB, Pytorch, IoT & Smart Sensing.

Agrisense : Smart Farming & Crop Optimization - [Live Demo](#)

2024

Designed a sensor-based system to analyze real-time soil data, enabling precise crop and fertilizer recommendations. Utilized Flask APIs, IoT sensors, and machine learning to enhance agricultural efficiency.

Tech Stack - React.js, Flask, Convex, Gemini AI, Clerk, IoT & Smart Sensing.

CERTIFICATIONS

Certified in Cloud Computing	Nptel	2024
Certified in Mastering Data Structures & Algorithms (C & C++)	Udemy	2024
SQL Certifications from Hackerrank	Hackerank	2023
Certified in The Joy of Computing Using Python	Nptel	2023
Introduction to Mongoddb for students	Mongoddb	2023

ACHIEVEMENTS

Finalist (2nd Place) – Ninjacart Hackathon (Agritech Solutions) – Ninjacart Pvt. Ltd., Bengaluru

Champion – Tech Trek Hackathon (Innovative Tech Solution) – App Innovation Technologies, Coimbatore

Finalist (2nd Place) – CodeSprint2K25 (24-Hour Hackathon – Problem Solving) – St. Aloysius University, Mangaluru

Top 15 Finalist (600+ participants) – Pravaah Hackathon (AI-Driven Solutions) – Quadrant Technologies, Hyderabad

First Place – Project Leap 23 (Java DB Sprint Week 2023 - JavaFX & MySQL) – Sri Eshwar College of Engineering, Coimbatore

First Place – Project Expo 24 (Mini Project Innovation) – Sri Eshwar College of Engineering, Coimbatore

LeetCode – Secured Highest Rating of 1,524 | **Top 36.97%** | [Profile](#)

CodeChef – Solved above 100 problems in Python and C | [Profile](#)

HackerRank – Achieved 4 star in Python, 2 star in C, 1 star in SQL | **3 Badges** | [Profile](#)

SKILLS

LANGUAGES	- Python C Java C++(Familiar) HTML CSS JavaScript
CONCEPTS	- Data Structures & Algorithms Object-Oriented Programming (OOP)
DATABASES	- SQL MongoDB Convex
CLOUD PLATFORMS	- AWS
FRAMEWORK & LIBRARY	- Flask Express.js React.js Chart.js Node.js
TOOLS	- VS Code GitHub IntelliJ IDEA Eclipse Figma Clerk Cisco Packet Tracer