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**

INTERNSHIP

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 Mongodb for students	**Mongodb**	**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, 2 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