NIKITHA RAJKUMAR

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EDUCATION

Sri Eshwar College of Engineering	**B.E CSE**	**CGPA: 8.27(up to 2nd sem)**	**2024-2028**
Hillfort Matriculation Higher Secondary School	**HSC**	**94.3%**	**2023-2024**
Govt Girls High School ,Manjoor	**SSLC**	**97.6%**	**2021-2022**

PROJECTS

SOULSYNC-MENTAL HEALTH SUPPORT PLATFORM   2024

Designed and developed a comprehensive mental health support platform focused on enhancing emotional well-being through key features like daily mood tracking, guided CBT exercises, and personalized wellness recommendations. The platform also allows users to maintain personal journals, set achievable goals, and monitor sleep patterns for holistic mental health insights. Built with a clean, user-friendly interface and backed by a robust cloud-based system, it serves both individuals and mental health professionals by providing accessible, effective self-help tools.

SMANG TOURISM   2024

SMANG TOURISM – Developed **SMANG**, a mobile application designed for easy and efficient bus bookings, specifically tailored for college industrial visits (IV) and family tours. The app enables users to browse available buses, make real-time bookings, and complete payments within the platform, ensuring a smooth and hassle-free travel planning experience. Built using Flutterflow, it combines an intuitive interface with backend integration for seamless performance across devices.

ALLAY   2025

Developed a full-stack web application aimed at promoting mental well-being through mood tracking, Cognitive Behavioral Therapy (CBT) tools, wellness recommendations, and journaling features. The platform provides personalized support by analyzing user moods and suggesting tailored exercises and tips. Integrated secure user authentication, admin monitoring, and privacy compliance with HIPAA and GDPR standards.

HEARTIFY   2025

A portable AI-based ECG monitor using AD8232 and ESP32 to capture and analyze heart signals. The Android app shows live ECG, detects abnormalities, and sends GPS alerts to emergency contacts. A low-cost solution for continuous heart monitoring. Tech: ESP32, AD8232, TFLite, Arduino IDE, Firebase, Android.

CERTIFICATIONS

Certified in Completion of C Programming Training	**IIT Bombay**
Certified in Completion of CPP Programming Training	**IIT Bombay**
Data Structure - C - Course (Hands-On)	**SkillRack**
C - Programming Course (Hands-On)	**SkillRack**
SQL – Basics(Standard)	**SkillRack**
Java Basics Programming Course (Hands-On)	**SkillRack**
Mastering Data Structures & algorithms using c , **c++**	**Udemy**
Oracle Java Foundation	**Oracle**
SQL(Basics)	**Hackerrank**

ACHIEVEMENTS

SkillRack	-solved 1558 problems
Hackerrank	-solved hackos 980

SKILLS

Programming Languages	C | C++ | Python | Basic R | Java
Web Technologies	HTML | CSS | JavaScript
Technical	Data Structures | OOPS | DBMS
Tools	VScode | Canva | GitHub | Figma