Kallepalli Sai Venkat

Narsapur | email | 8803434888 | portfolio | linkedin | github| HackerRank| LeetCode

Introduction

A passionate and innovative developer dedicated to building impactful web applications and solving real-world problems. Always eager to learn, contribute to open-source, and push the boundaries of technology .

Education

Sri Gowthami EM High School, Narsapur.   June 2019 - April 2020
- SSC - Marks : 92

Sri Gowthami Junior College ,Narsapur.   July 2020 - April 2022
- MPC - CGPA : 96.8

SAGI RAMA KRSHNAM RAJU ENGINEERING COLLEGE, Bhimavaram.   November 2022 - April 2026
- BTech, IT- CGPA- 8.49

Skills

Languages: C++, C, Java, Objective-C, SQL, JavaScript
Developer Tools: Git, VS Code, Postman, Vercel
Technologies/Frameworks: React JS, NodeJS, ExpressJS, MERN Stack, SocketIO, MongoDB, Docker

Coursework

- Data Structures and Algorithms
- Object-Oriented Design Using Java
- Artificial Intelligence
- Software Engineering
- Database Management Systems (DBMS)
- Web Development
- Operating Systems
- Computer Networks
- Design Analysis and Algorithms

Projects

AYUSH Startup Registration Portal (SIH Project)   Explore Now
- A web platform enabling seamless startup registration for AYUSH-based enterprises. Designed a secure and efficient system for managing registrations while ensuring data integrity.
- **Tools Used:** React js,Tailwand Css, Node.js, Express.js, MongoDB Atlas

Meditrance-Personalized Meditation App (MERN BootCamp)   Explore Now
- Developed as a part of my Hackathon and it is the solution for given problem statement to build a user freindly Meditation Platform.
- **Tools Used:** React.js, Node.js, MongoDB, JWT Authentication

Air Quality Detection (NIELIT Project)
- Developed a machine learning model to analyze and predict air quality levels based on environmental data. Implemented data preprocessing, feature engineering, and model optimization for accurate predictions.
- **Tools Used:** Python, Pandas, Scikit-learn, Matplotlib, Machine Learning

Personal Projects

SafeCyber - Fake News Detection System Developed an Express.js API integrated with the Gemini API and NLP models to detect fake news in real time. Node.js, Express.js, NewsAPI, Gemini API, NLP, MongoDB

Certifications

- Smart India Hackathon (SIH) - Ministry of Education
- NIELIT Air Quality Detection Project Certification
- MERN Stack Hackathon Certification
- DevOps Hackathon Mentor Certification