

PRAKASH KAKARALLA

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OBJECTIVE

Aspiring software developer eager to apply academic knowledge and practical skills gained from full-stack projects. Seeking an opportunity to learn and grow in a supportive team environment while delivering value through innovative solutions.

EDUCATION

Bachelor of Computer Science

Vellore Institute of Technology

CGPA: 7.83

2020 - 2024

Amaravathi

Board of Intermediate Education - AP

Narayana Junior College

CGPA: 9.17

2018 - 2020

Tirupati

SKILLS

Technical Skills

Core Java, Basic C, Html, OOPS, DSA

Interpersonal Skills

Adaptability, Time Management, Collaboration, Active Listening

Frameworks

Reactjs, Nextjs,

Databases

SQL, NoSQL(MongoDB), NodeJs, Expressjs

PROJECTS

Smart Water Quality Monitoring System Using Arduino.

- Developed water quality monitoring system, achieving 98accuracy. Integrated pH, TDS, and temperature sensors, displaying real-time data on a web interface using ESP8266. Demonstrated strong communication, time management, leadership, teamwork, and analytical thinking skills.

MERN Stack Application for Medical Plant Analysis. ([View here](#))

- Developed a MERN stack application for medical plant analysis, facilitating access to detailed plant data and analysis for over 100 plants.
- Demonstrated strong communication skills by presenting project progress and ideas effectively to stakeholders, and utilized analytical thinking to research and analyze plant data for optimal presentation and user experience.
- Adapted to changing project requirements by improvising solutions and accommodating feedback, resulting in a tailored and effective application

IOT Based Air Quality Monitor System Using Arduino.

- IoT-based Air Quality Monitor prototype capable of detecting gases such as CO2 and NO in its surroundings.
- The monitor alerts end users when gas levels exceed predefined thresholds. My specific role involved coding the Arduino to set and manage these threshold limits.
- Additionally a web page is developed that uses SQL to store the information.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2023 Foundations Associate