Ravikumar Gunti

B.Tech Student in Computer Science & Engineering at IIITDM Jabalpur

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GitHub:	/Ravikumar-2016	Portfolio:	portfolio-sigma-roan-70.vercel.app

EDUCATION

Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Jabalpur
B.Tech in Computer Science and Engineering   **2023 − 2027**
Jabalpur, Madhya Pradesh, India

Narayana Junior College
Intermediate Education   **2021 − 2023**
Hyderabad, Telangana, India

MJPTBCWREIS
Secondary Education   **2017 − 2021**
Huzurabad, Telangana, India

Projects

FarmEase: Agriculture Service Platform
Tech Stack: React, TypeScript, Node.js, Express, MongoDB, Tailwind CSS
- Developed comprehensive platform connecting farmers, laborers, and agricultural employees
- Implemented role-based dashboards with crop recommendations and geo-based search functionality
- Integrated weather APIs and crop prediction models for enhanced farming decisions
- Created AgroBridge module for work connections and in-app notification system
- **Live:** farm-ease-seven.vercel.app

SAVIOUR 2.0: Disaster Management System
Tech Stack: React, Node.js, Firebase, MongoDB, Tailwind CSS, Real-time APIs
- Built cutting-edge disaster management platform with real-time emergency coordination
- Implemented location tracking, resource finder, and community communication system
- Developed admin dashboard for command centers with multi-device support
- Created secure contact and location data management with push notifications
- **Live:** saviour-ten.vercel.app

SkyNow: Weather Application
Tech Stack: HTML5, CSS3, JavaScript, OpenWeatherMap API
- Developed minimalist weather app with latitude/longitude coordinate search
- Integrated real-time weather data including UV index, visibility, and sunrise/sunset timings
- **Live:** sky-now-three.vercel.app

Soil Sense: Crop & Fertilizer Recommendation System
Tech Stack: React, TypeScript, Node.js, Tailwind CSS, Data Analysis
- Built intelligent system analyzing soil parameters and environmental conditions
- Implemented scientific data-based crop and fertilizer recommendations
- **Live:** soil-sense-phi.vercel.app

Technical Skills

Programming:	Python, Java, C, C++, JavaScript, PHP
Web Technologies:	React, HTML5, CSS3, Node.js, Express.js, TypeScript
Databases:	MySQL, MongoDB, Firebase
Tools & Frameworks:	Git, GitHub, VS Code, Tailwind CSS, RESTful APIs

Languages

Fluent:	English, Telugu
Conversational:	Hindi
Basic:	Japanese

Relevant Coursework

Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Software Engineering, Web Development, Object-Oriented Programming