Ravikumar Gunti

B.Tech in Computer Science & Engineering — IIITDM Jabalpur

Email LinkedIn
GitHub Portfolio

EDUCATION

Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Jabalpur
B.Tech in Computer Science and Engineering **2023 – 2027**
Jabalpur, Madhya Pradesh, India
CGPA: 8.1/10
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Software Engineering, Web Development, Object-Oriented Programming

Narayana Junior College
Intermediate Education (MPC) **2021 – 2023**
Hyderabad, Telangana, India
Grade: 98.2%

MJPTBCWREIS
Secondary Education (SSC) **2017 – 2021**
Huzurabad, Telangana, India

PROJECTS

FarmEase: Agriculture Service Platform *Live Demo — GitHub*
Tech Stack: React, TypeScript, Node.js, Express, MongoDB, Tailwind CSS
- Engineered a full-stack platform serving 3 distinct user roles (farmers, laborers, agri-employees)
- Architected role-specific dashboards featuring data-driven crop recommendation models and geo-based search
- Integrated Weather APIs and predictive analytics to enhance farming decision accuracy
- Developed AgroBridge module with in-app notification system to streamline agricultural labor hiring

SAVIOUR 2.0: Disaster Management System *Live Demo — GitHub*
Tech Stack: React, Node.js, Firebase, MongoDB, Tailwind CSS
- Built a real-time emergency coordination platform with WebSocket integration for instant alerts
- Implemented resource finder map and live location tracking to streamline rescue and aid efforts
- Designed admin command center dashboard with multi-device support for emergency response management
- Secured sensitive user data (contacts, location) with push notifications for critical updates

SkyNow: Weather Application *Live Demo — GitHub*
Tech Stack: HTML5, CSS3, JavaScript, OpenWeatherMap API
- Developed a responsive, minimalist weather application fetching data based on geolocation or coordinates
- Visualized key meteorological data including UV index, visibility, and sunrise/sunset timings

Soil Sense: Crop Recommendation System *Live Demo — GitHub*
Tech Stack: React, TypeScript, Node.js, Tailwind CSS
- Created an intelligent system analyzing soil parameters (N-P-K levels, pH, humidity) for personalized recommendations
- Utilized scientific dataset to provide optimal crop and fertilizer choices for farmers

TECHNICAL SKILLS

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

LANGUAGES

Fluent:	English, Telugu
Conversational:	Hindi
Basic:	Japanese (N5 Level)