




# HARINATH VELPULA

TECH NERD

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Aspiring Web Developer Intern with hands-on experience in full-stack projects and open-source contributions. Proficient in React.js, Node.js, and MongoDB, with a strong foundation in data structures, APIs, and problem-solving. Passionate about building scalable web applications and contributing to collaborative tech environments.

## EDUCATION

### CMR Technical Campus

Hyderabad

Computer Science and Engineering(Data Science)

I'm currently pursuing a B.Tech in Computer Science and Engineering with a specialization in Data Science (CSE-DS). My coursework blends core computer science fundamentals with specialized training in data analytics, machine learning, statistics, and real-time data processing. Through hands-on labs, projects, and industry-relevant tools, I'm building a strong foundation to solve complex problems using data-driven approaches.

## TECHNICAL SKILLS

**Languages:** JavaScript,HTML5, CSS3, Python, C, R,

**Frontend:** React.js, Bootstrap

**Backend:** Node.js, Express.js

**Databases:** MySQL, MongoDB

**Tools & Platforms:** Git, GitHub, Postman, Netlify, Vercel, Render

**APIs:** RESTful APIs, JSON handling

**Domain Knowledge:** Real-Time Systems, Full-Stack Web Development, Data Structures, Data Science Fundamentals

## EXPERIENCE

### Hacktoberfest 2024

Oct 2024

#### Open Source Contributor

- Contributed to 4+ open-source repositories under the Hacktoberfest program, earning the Pull Shark badge
- Fixed bugs, improved frontend components, and added documentation in JavaScript, HTML/CSS, and Markdown

### CodeOholics Club

2024 -Present

#### Technical Team Member

- Organized 3+ coding events and workshops
- Helped students with Git/GitHub and project collaboration
- Built internal tools using React and Node.js

## PROJECTS

### 1. Web-Based Calculator

- Accomplished:** Built a functional and responsive calculator for basic arithmetic operations and calculator used by 20+ peers
- Tools Used:** HTML, CSS, JavaScript

### 2.Real-Time Emergency Alert System

- Accomplished:** Developed a web-based system for real-time emergency alerts
- Scale:** Enabled instant distress communication through gesture-based inputs for potential use in public CCTV or safety systems
- Tools Used:** HTML, CSS, JavaScript, Node.js, Express.js, Socket.io, MongoDB

### 3. Multimodal Anime AI Assistant (Prototype Stage)

- Accomplished:** Ideated and planned an AI assistant that accepts text, voice, and image inputs
- Scale:** Targeted for anime-style interactions and content delivery
- Tools Used:** OpenAI API, Text-to-Speech, Voice Recognition (Phase 1 in progress)