

Harsha Vardhan Kondru

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LinkedIn | GitHub | Portfolio

EDUCATION

• Bachelor of Technology (B.Tech) - Computer Science and Engineering

Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh, India

2027

• Diploma in Computer Engineering

A.A.N.M & V.V.R.S.R Polytechnic, Gudlavalleru, Andhra Pradesh, India

2024

EXPERIENCE

• Internship

11/2023 – 05/2024

SBL Solutions

Gudlavalleru, Andhra Pradesh, India

- Designed and developed a web application for **Product Management, Supply Chain, and ERP Systems**
- Built **responsive and dynamic user interfaces**, ensuring seamless front-end and back-end integration
- Worked closely with the development team to **optimize performance** and improve user experience
- **Deployed** the application on cloud platforms using **Azure** services
- Developed and maintained features using **Express.js, Node.js, React.js, SQL, and MongoDB**

PROJECTS

• Yatra Suraksha – Tourist Safety Monitoring & Incident Response System

[View on GitHub](#)

Smart tourist safety monitoring platform – Backend API.

- Developed the backend service using **Node.js/Express** with a **modular architecture** for maintainable code
- Implemented **RESTful APIs** for user management, incident reporting, status tracking, and admin actions, consumed by the mobile app and admin portal
- Integrated with external services such as **Google Maps** and **real-time Socket.io** channels to support live location tracking and incident updates
- Added **authentication, authorization middleware**, and input validation to ensure secure and reliable handling of safety-critical data

• Food Label Analyser

[View on GitHub](#)

Backend for Label Analyzer – extracts and analyzes ingredients from food label images to assess health impact

- Developed a **Node.js/Express API** that ingests **OCR-extracted text** from food labels and returns structured ingredient analysis
- Used **MongoDB** to persist ingredient, product, and health-risk metadata, enabling **fast lookups** and re-use of previous analyses

• Centralized Windows Firewall Manager

[View on GitHub](#)

Managed firewall rules for all endpoints from a centralized web console.

- Implemented the **firewall management API** using **Node.js/Express** to orchestrate rules and policies on Windows
- Applied **granular firewall rules at the application level** for precise security control
- Developed the project using **MERN stack, Python, Azure, PowerShell, and Socket.io** for real-time communication

TECHNICAL SKILLS

Languages: JavaScript, Rust, C/C++, Kotlin, Java, Python, Bash

Mobile Dev: React Native, Kotlin (Android Native)

Tools & Platforms: Git, Docker, Postman, n8n, Cloud (AWS, Azure, GCP), VMware, Linux

Databases: MongoDB, SQL Server, Redis

Web Dev: MERN stack, Tailwind CSS

Backend Skills: REST APIs, JWT/OAuth, Express.js, Microservices, Caching (Redis), DB Schema Design, Docker, Nginx, Socket.io

Security: Familiar with OWASP Top 10 and common web vulnerabilities

CERTIFICATIONS

• CISCO - Endpoint Security

• CISCO - NDG Linux Essentials

• LinkedIn Learning - Exploring Linux Internals