

J Harsha Vardhan

 [LALo99-vk](#) |  [j-harsha-vardhan](#) |  jharshav442@gmail.com | +91-63609-53676

PROFILE SUMMARY

Aspiring AI, Mechatronics, and Web3 Enthusiast with a strong passion for AI-driven hardware, robotics, blockchain, and intelligent systems. Building a solid foundation in machine learning, embedded systems, automation, and decentralized technologies, with a keen interest in integrating AI, IoT, and blockchain to create secure, intelligent, and future-ready solutions. Enthusiastic about robotics, smart devices, and decentralized applications (dApps), and eager to explore innovations at the intersection of AI, mechatronics, and Web3 ecosystems. A fast learner, problem solver, and tech enthusiast, driven by curiosity and a vision to contribute to futuristic, AI-powered, and decentralized technologies.

WORK EXPERIENCE

Freelance Projects

2023 - Present

Worked with startups and clients to design and develop web solutions, AI prototypes, and automation tools tailored to their business needs.

PROJECTS

AI-Driven Medical Assistant App (2024 – Present) ([GitHub Link](#))

Developed an AI-powered healthcare assistant app that predicts diseases based on user symptoms using speech recognition and ML models. Integrated medication reminders, emergency call features, and image analysis for wound detection.

Tech Stack: Ionic Capacitor, Firebase, Flask, Python, Speech Recognition, Image Analysis.

AI-Powered Trip Planner ([GitHub Link](#))

Created an AI-driven trip planner that suggests destinations, generates itineraries, and integrates weather/location APIs to optimize travel planning.

Tech Stack: React, Tailwind CSS, API Integration.

Blockchain Wallet Prototype (Ongoing)

Developing a decentralized blockchain wallet application to enable secure transactions and identity management.

Photography Business Website (Freelance) (2023) ([GitHub Link](#))

Designed and developed a professional website for a photography business to showcase portfolios and services.

Sreeshivani Foods Website (2025) ([GitHub Link](#)) ([Live Site](#))

Designed and developed a fully responsive, SEO-optimized website for *Sreeshivani Foods* to showcase wellness products such as the Devanagari Health Mix. Implemented a unified full-stack architecture using React (Vite) and Node.js/Express, integrated secure payment processing with Razorpay, and managed data storage with Supabase. Deployed the application to production with HTTPS security, optimized performance, and a seamless cross-device user experience.

Tech Stack: React (Vite), Node.js/Express, Supabase for DB and Authentications,

EDUCATION

2022 – 2026 Bachelor of Engineering in Artificial Intelligence, **Don Bosco Institute of Technology (D.B.I.T)**

2007 – 2022 Schooling, **Venkat International Public School**

SKILLS

Programming Languages C++, JavaScript, Python, Solidity, Rust (Basic)

Frameworks React, tailwind

Machine Learning Basics of ML, Model Training, Prediction Systems

Embedded Systems Arduino, Raspberry Pi (Basic)

3D Modeling & Design Blender (Prototyping, Learning)