

Himanshu Kumar | Nalanda, Bihar, India

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Objective

Motivated Computer Science Engineering student with hands-on experience in full-stack development, AI/ML, and IoT. Passionate about building real-world tech solutions and contributing to innovative teams.

Education

Tula's Institute, B.Tech in Computer Science Engineering (2022–2026)

SGPA: 7.1

Skills

Frontend: HTML, CSS, Tailwind CSS, JavaScript

Backend: Node.js, Express.js

Databases: MongoDB, SQL, PostgreSQL

Languages: C++, Python (for AI/ML)

Tools & Platforms: Git, GitHub

Other: Sensor Integration (IoT), Research & Technical Writing, Public Speaking

Research Paper

Revitalizing Water: Domestic Wastewater Treatment by Regaining Nutrients and Reusing Wastewater for Domestic Purposes (Published on ResearchGate – 2025)

Projects

- AYUSH – Ayurveda & Hospital Management System: Built using MERN stack to manage appointments and patient records.
- Rail-Track Crack Detection System: IoT and ML-based system for detecting and preventing track failures.
- Multi-Chambered Filtration System: Innovative water filtration model (Patent Published).

- Netflix Clone: Interactive frontend clone with custom UI and video features using HTML, CSS, JS.
- Flipkart Clone: E-commerce platform with cart, search, and UI design.
- Electronic Vehicle Management Website: Platform for EV tracking and resource management.
- AI Document Management System: Smart document classification and retrieval using Python.
- Tic Tac Toe Game: Simple game using JavaScript and DOM manipulation.

Achievements

- Winner – Tula's Hackathon (2024)
- Winner – Dev Bhoomi Hackathon (2025)
- Received ₹2 Lakh Grant – IDEATHON, ITS College Greater Noida

References

Prakhar Goel, Mentor – Tula's Institute
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