HARSH SHARMA

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OBJECTIVE

B.Tech undergraduate specializing in Artificial Intelligence and Robotics with hands-on project and internship experience. Seeking an entry-level role to apply problem-solving skills and contribute to real-world software solutions.

EDUCATION

Madhav Institute of Technology and Science, Gwalior   2023 – 2027
Bachelor of Technology in Artificial Intelligence and Robotics
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming

SKILLS

Languages	C++, Python, JavaScript, SQL
Core Concepts	Data Structures & Algorithms, Object-Oriented Programming
Technologies	MERN Stack, MySQL, FastAPI, Bootstrap, Tailwind CSS, Material-UI
Developer Tools	Git, GitHub, VS Code, MATLAB, Netlify, Framer, Canva, Figma

EXPERIENCE

AI Intern — Ethara AI   Dec 2025 – Present

- Supported **LLM fine-tuning and evaluation pipelines** by curating and validating high-quality, human-aligned training data.
- Performed **human-in-the-loop quality assurance**, identifying errors, ambiguities, and reasoning inconsistencies in AI-generated outputs.

Teaching Assistant — MITS Gwalior   Jan 2025 – Present

- Assisted students with **Object-Oriented Programming (OOP)** concepts through structured problem-solving discussions and tutorials to improve comprehension.

PROJECTS

AI Resume ATS Analyzer — Intelligent Resume Screening Tool
Tech Stack: Python, Streamlit, NLP (spaCy/NLTK), PDF/DOCX Parsing, Scoring Engine

- Built an **ATS-style** resume analyzer that parses PDF/DOCX files, extracts skills, experience, and education, and computes compatibility scores for target job descriptions.
- Implemented **NLP-based keyword matching** and section weighting to generate an overall compatibility score (0–100) with instant feedback via a Streamlit UI. (Live Demo)

TravaCasa — Full-Stack AI Travel and Booking Platform
Tech Stack: React.js, Node.js, Express.js, MongoDB, LLaMA, LangChain, Generative AI, Stripe API

- Engineered a high-performance full-stack travel platform supporting **1,000+ listings**, secure Stripe payments, and fraud detection.
- Integrated **LLaMA-based AI** to deliver personalized itineraries (**90% accuracy**), AI-driven search across **1,000+ destinations**, and a multilingual chatbot with role-based authentication. (Live Demo)

ACHIEVEMENTS

- Finalist at **Hacksagon'25** (@ABV-IIITM) and **HackOrbit'25** (@MITS).
- Solved **300+** DSA problems across LeetCode, GeeksforGeeks, and CodeChef.