

Harsh Hirawat

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PROFESSIONAL SUMMARY

Passionate CS undergraduate with hands-on experience in full-stack development, network automation, and AI applications. Skilled in React, Node.js, Next.js, FastAPI, and Python. Active contributor to robotics and cybersecurity communities, with proven ability to deliver impactful projects and collaborate effectively.

EDUCATION

Bachelor of Technology (Computer Science) Newton School of Technology - ADYPU	2024 - 2028 Grade: 9.1/10.0
Intermediate (Class XII) Royal Senior Secondary School	2023 - 2024 Grade: 79.0%
Matriculation (Class X) Little World School	2021 - 2022 Grade: 91.0%

INTERNSHIPS

Web Developer Intern Webs Jyoti	June 2025 - July 2025 <i>Remote</i>
<ul style="list-style-type: none">Engineered a new corporate training platform to serve as a digital gateway for B2B clients, directly supporting the company’s core business of upskilling professional teams.Streamlined the company’s hiring workflow by building a comprehensive career portal with an integrated admin dashboard to efficiently manage applications and candidates.Integrated performance analytics functionality, enabling the business to track training effectiveness and measure return on investment (ROI).Improved operational efficiency by creating automated deployment processes and enhanced digital asset security by implementing an advanced content protection system.	

PROJECTS

Internship Project – Webs Jyoti Corporate Training Platform (Github) (Demo)	June 2025
<ul style="list-style-type: none">- Built a responsive corporate training website with career and admin modules.- Gained experience in modern React, API integration, and deployment.- Next.js, React 19, TypeScript, Tailwind CSS, Framer Motion, cPanel.- Developed job portal, CV upload, image protection, and admin dashboard.- Delivered a live platform used by 9,000+ professionals across 22 cities.	
AI-Powered Stock Analysis Portfolio Management Platform (Github) (Demo)	June 2025
<ul style="list-style-type: none">- Built an AI-powered investment dashboard with real-time stock data and portfolio analysis.- Explored 3D data visualization, role-based access, and AI integration using Google Gemini.- Next.js 15, React 18, TypeScript, Tailwind CSS, Three.js, MongoDB, NextAuth, Gemini API.- Integrated Gemini AI, real-time Yahoo Finance data, and built 3D charts with React Three Fiber.- Delivered a fully functional platform for analysts and investors with interactive analytics and secure access.	
Taskify (Github) (Demo) <i>Full-stack task management app</i>	May 2025
<ul style="list-style-type: none">Built frontend with React (Vite, TypeScript, Shadcn UI) and backend with Node.js, Express, MongoDB.Implemented JWT authentication, Google OAuth, and responsive UI.Deployed on cloud with CI/CD for automated updates.	
Gesture Canvas (Github) (Demo) <i>Web-based Gesture Drawing App — React, TensorFlow.js, MediaPipe, Netlify</i>	May 2025
Built an AI-powered drawing tool using real-time hand gestures via webcam. Enabled gesture-based controls like draw, erase, and color switch using TensorFlow.js and MediaPipe. Deployed with Netlify, featuring responsive UI, serverless feedback system, and CI/CD via GitHub Actions.	

CERTIFICATIONS

- Automated network tasks using Python across multivendor environments
- Developed CLI/WebUI scripts and gained DevOps experience

- Tested and developed REST APIs using Postman
- Worked with requests, headers, scripting, and API integrations

SKILLS

Computer Languages: JavaScript, CSS, HTML, Python, Machine Learning

Software Packages: MongoDB, Express JS, OpenCV, Bootstrap, Node.js, React, Tailwind, Linux, Matplotlib, Windows, Pandas, Virtualization

Soft Skills: People skills, Responsibility, Critical Thinking, Teamwork, Decision-making, Time management, Team Building

Others: Accounting, Photoshop, Microsoft Office, Entrepreneurship

EXTRA-CURRICULAR ACTIVITIES

- **Core Member, IRIS-Robotics Club, NST Pune** – Contributed to robotics initiatives, competitions, and conducted multiple workshops, especially on OpenCV.
- **Core Member, Cyber Security Club** – Engaged in cybersecurity awareness, projects, and events.
- **Organizer, Robo Soccer Competition** – Managed and executed a national-level robotics competition, attracting participants from colleges across India.
- **Organizing Committee Member, Tekron 2025** – Assisted in planning and execution of the tech fest, ensuring smooth event management.