

Harsh Hirawat

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[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)



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

INTERNSHIPS

Web Developer Intern	June 2025 - July 2025
Webs Jyoti	<i>Remote</i>

- 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

Green Hacker — Developer Portfolio Admin Platform (Github) (Demo)	May 2025
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- Built a **full-stack portfolio admin CMS** with project/skills management and AI-powered tools.
- Developed **Next.js 15 + TypeScript** front-end with **Tailwind**, **shadcn UI**, **Framer Motion**, **GSAP**, **Three.js**.
- Created **secure admin panel** with **NextAuth RBAC**, **Prisma/PostgreSQL**, audit logging, and CSV export.
- Integrated **GitHub analytics**, **AI chatbot (Google Gemini)**, and responsive SEO-optimized UI.
- Deployed on **Netlify** with optimized performance and caching.

Gesture Canvas (Github) (Demo)	May 2025
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- Built an **AI-powered drawing app** using **real-time hand gestures** via webcam.
- Enabled **gesture-based controls**: draw, erase, and color switch using **TensorFlow.js** **MediaPipe**.
- Implemented **responsive UI** with a **serverless feedback system**.
- Deployed on **Netlify** with **CI/CD pipelines** via GitHub Actions.

CERTIFICATIONS

Real Life Python for Network Automation - Advanced 2025 Packet Heist Prep - Udemy (Link)	March 2025
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- 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, TypeScript, Python, Machine Learning

Data Tools: NumPy, TensorFlow

Software Packages: MongoDB, MySQL, Express JS, OpenCV, Node.js, React, Prisma ORM, Next JS, Tailwind, Matplotlib, Pandas

Soft Skills: Communication Skills, Critical Thinking

Others: Google Cloud Platform, Generative AI, AWS

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.