Harsh Kumar

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Education

National Institute of Technology, Puducherry *Nov 2022 – ongoing*
B.Tech in Electrical and Electronics Engineering with minor in AI&ML
- GPA: 8.87/10.0

Skills

Languages: C, C++, JavaScript, Python (basic)
Web Technologies:
    Frontend: HTML, CSS, React.js, Tailwind CSS, GSAP
    Backend: Node.js, Express.js
    Database: MongoDB, MySQL
Tools & Platforms: Git, GitHub, Jupyter Notebook, Streamlit, Postman
CS Fundamentals: Data Structures, Algorithms, Problem Solving, OOPS, DBMS

Projects

College Thrift *Link*
- Designed and built a specialized e-commerce platform for college students to facilitate buying and selling of second-hand products, promoting reuse within the campus community.
- Implemented user authentication for secure access and integrated an admin panel where uploaded products are reviewed and verified before being displayed on the website.
- Tools Used: MongoDB, Express.js, React.js, Node.js (MERN Stack)

Auri.Ai (AI Chat Chrome Extension) *GitHub*
- Developed a Chrome extension using React and Vite that provides a floating chatbot interface on any website.
- Stored conversation state using chrome.storage to maintain session integrity, eliminating the need for user login.
- Integrated with Gemini API to allow users to ask questions contextually.
- Tools Used: React, JavaScript, Tailwind CSS, Chrome Storage, Gemini API, GSAP

Portfolio Website *Link*
- Designed and developed a personal portfolio website to showcase my projects and skills.
- Responsive design for mobile and desktop devices.
- Tools Used: HTML, CSS, JavaScript, Locomotive, GSAP.

Experience

AI Intern *Dec 2024 – Feb 2025*
TechSaksham (Microsoft & SAP) – AICTE Internship Program View Certificate
- Built a Human Pose Estimation app using OpenCV and Streamlit for single-person skeletal tracking.
- Demonstrated practical use cases in fitness, yoga pose correction, and sports analysis.

Position of Responsibilities

- Led and organized competitive programming activities in the coding club(Zero1coded) of NIT Puducherry as **Competative Programming Head**.
- Holding **Esports Club Vice president** position, spearheaded the growth of the Club at NIT Puducherry, increasing membership by 150% within one academic year through engaging event organization.
- **Managed and coordinated** events for GYANITH'24, the technical fest of NIT Puducherry, ensuring smooth execution and participation.

Achievements

- **1300+** rating on **Codeforces (harshuraj70)** with best world wide rank of 1105 among 35k+ participants.
- **1630+** rating on **leetcode (harshuraj70)** with 250+ problem solved.
- Currently the **top-rated Competitive Programmer** on **Codeforces** in the 2022–26 batch at NIT Puducherry.
- Secured the **district topper** position in the 10th board exams, demonstrating excellence in academics.