

# Kushagra Sharma

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GitHub | LinkedIn

## Summary

B.Tech IT student with hands-on experience in full-stack (React, Node.js), AI/ML (TensorFlow, LangChain), and cloud (AWS, GCP). SDE Intern at MediHut Pharma. Built AI apps and won hackathons. Seeking Summer 2025 internship to apply skills in real-world systems.

## Internships

### SDE Intern – MediHut Pharma (CureZip)

Feb 2025 – Present

*Node.js, Google Vision API, Supabase*

Remote

- Built REST APIs for prescription parsing using Google Vision API.
- Improved backend–frontend sync, cutting latency by 30%.
- Automated pharmacy workflows and digital prescription flow.

### Research Intern – CSIR–National Physical Laboratory (NPL)

Jun 2025 – Present

*Memristors, STEM Learning, E-Textiles*

Delhi

- Studied memristors for interactive STEM learning applications.
- Built low-cost e-textile circuits for classroom experiments.

## Projects

### Twin Bot – AI Assistant [GitHub]

Mar 2025

*LangChain, Ollama, Node.js*

Runner-Up – LNMIIT HackCrux

- Dual-persona AI chatbot with memory and RL loop.
- Used LLaMA-3 via Ollama and LangChain for prompt chaining.

### Voice Map Assistant [GitHub]

Jun 2024

*TensorFlow, Leaflet.js, OpenWeatherMap*

Runner-Up – ISRO Hackathon

- Voice-enabled GPS map with real-time weather updates.
- Optimized Leaflet rendering; 40% faster map load.

## Technical Skills

- **Languages:** Python, C++, JavaScript, TypeScript, SQL
- **Cloud:** AWS, GCP, Vercel, Netlify, Railway
- **Frontend:** React.js, Next.js
- **DB:** MongoDB, PostgreSQL, MySQL, Supabase, Firebase
- **Backend:** Node.js, Express, Django, FastAPI
- **AI/ML:** TensorFlow, PyTorch, LangChain, OpenCV
- **Tools:** Git, Docker, Kubernetes, Streamlit, LaTeX

## Education

### B.Tech – Information Technology

Aug 2023 – Present

*Rajasthan Technical University, Kota*

CGPA: 8.32 / 10

## Certifications & Achievements

- Deloitte Australia – Cyber Security Job Simulation (May 2025)
- Deloitte Australia – Technology Job Simulation (May 2025)
- 100 Days of Code – Python Bootcamp by Angela Yu (2023)
- Runner-up – ISRO Hackathon (2024), LNMIIT HackCrux (2025)
- National Chess Player – KV Nationals (2018)