Harsh Nath

Computer Science & Engineering – Artificial Intelligence & Data Science

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Summary

Motivated and detail-oriented tech enthusiast with expertise in web development, AI, and data science. Skilled in creating impactful, user-focused solutions and eager to contribute to innovative projects while continuously learning new technologies.

Education

Sagar Institute of Science & Technology, Bhopal - MP
B.Tech. – CSE with Artificial Intelligence & Data Science (2022 – 2026)
Current CGPA: **6.38**

Great Career Public Hr. Sec. School, Bhopal – MP
Senior Secondary (2022)
12th | **79.8 %** | State Board

Great Career Public Hr. Sec. School, Bhopal – MP
High School (2020)
10th | **95** % | State Board

Technical Skills

- **Programming:** C, C++, Python,
- **Web Development:** HTML, CSS, JavaScript, React
- **Frameworks & Libraries:** Django, Flask, Pandas, NumPy
- **Databases:** MySQL, SQLite
- **Tools & Platforms:** GitHub, Jupyter Notebook, Power BI
- **Other Skills:** Data Visualization, API Integration, Problem Solving

Projects

AI – Powered Healthcare Chatbot (in process)
- Designed an AI chatbot to answer 80%+ of common healthcare queries using NLP techniques.
- Integrated transformer-based models for context-aware, accurate medical responses.
- Reduced patient query resolution time by an estimated 40% through 24/7 virtual assistance.

Kidney Disease Detection System
- Achieved 94% prediction accuracy using a deep learning model trained on medical datasets.
- Designed a secure, scalable full-stack web app with SQLite database integration for patient record management.
- Improved patient risk assessment efficiency by 30% with an intuitive, user-friendly interface.

Mobile Price Prediction Platform
- Built a machine learning model to predict mobile prices based on device specifications with strong accuracy.
- Delivered a responsive web interface, improving user interaction and accessibility by 35%.
- Optimized prediction performance by refining feature selection and data preprocessing techniques.

Certificates

- **Mastering Deep Learning for Generative AI** – Udemy, 2025
- **Python Essentials 1 & 2 –** Cisco Networking Academy, 2025
- **Career Essentials in Generative AI -** Microsoft & LinkedIn, 2024
- **Software Engineering Job Simulation** – Forage (Goldman Sachs), 2024
- **Career Essentials in Data Analysis -** Microsoft & LinkedIn, 2024
- **Data Structures and Algorithms in C** - Udemy, 2023

Achievements & Activities

- Participated in **National Level Tech Skill Expo** - **NIRMAAN 2024,** SISTec-GN.
- Participated in various skits & events during **Sagar Fiesta** (2022-2025), SISTec-GN (Annual Techno-Cultural Event)
- Participated in **Google Developer Groups (GDG) College Event** and won swags for outstanding performance, 2024

Interpersonal Skills

- Team Work
- Time Management
- Adaptability

Personal Interests/Hobbies

- Travelling
- Watching Movies
- Volunteer Community Work