

Harsh Deep

+91-9473996432 | harshdeepcsjmu@gmail.com

GitHub: [harshdeep057](#) | LinkedIn: [harshdeep007](#) | Kanpur, Uttar Pradesh, India

Professional Summary

MCA graduate skilled in Python, Java, Flask, and cloud tools like Azure. Built and deployed real-time web and IoT applications, with a focus on automation and predictive modeling. Adept at problem-solving, team collaboration, and delivering robust tech solutions. Seeking a full-time role in software or full-stack development.

Education

Chhatrapati Shahu Ji Maharaj University, Kanpur, UP

Master of Computer Applications (MCA) — Graduated: June 2025

Brahmanand College, Kanpur, UP

Bachelor of Science (B.Sc.), Mathematics — Graduated: July 2022

Dr. Virendra Swarup Public School, Kanpur, UP

High School & Intermediate — 2017–2019

Technical Skills

Languages: Python, Java, C++, HTML, CSS, JavaScript

Frameworks & Databases: Flask, REST API, MySQL

Cloud & Tools: Microsoft Azure

Version Control: Git, GitHub

Hardware & IoT: Arduino, IoT Sensors

Soft Skills: Leadership, Adaptability, Time Management, Team Collaboration

Projects

Plant Disease Prediction Using CNN: Developed a deep learning model using Convolutional Neural Networks (CNN) to analyze plant images and predict potential diseases, along with recommended solutions. **Tools Used:** Python, TensorFlow, Flask.

Weather Application: Designed and developed an application that accepts user location inputs to display real-time weather conditions, including temperature, precipitation, and rain probabilities. **Tools Used:** Python, Open Weather API.

Face Detection Security System: Built a Python-based system to record motion-triggered videos, upload them to Google Drive, and send SMS alerts in real time. **Tools Used:** Python, Flask, FFmpeg, Google Drive API, Twilio.

Professional Experience

Technical Support (Part-Time)

Jawaharlal Jagannath Prasad, Kanpur | June 2022- Mar 2025

- Managed and maintained billing software and systems.
- Trained new staff on basic computer operations and billing processes.
- Provided first-level technical troubleshooting for hardware/software issues.

Private Tutor (Freelance)

Kanpur | 2019 – 2025

- Delivered home tutoring in mathematics and computer fundamentals to high school and intermediate students.
- Helped students develop logical problem-solving skills and improved academic performance.

Certifications

- **Certification in Computer Applications, Business Accounting, and Multilingual Skills** — Completed a one-year course.
- **Python Vocational Training Program** — Successfully completed Python training organized by the Indian Institute of Technology, Kanpur.
- **Tata Cybersecurity Analyst Job Simulation (Forage)** — Gained hands-on experience in Identity and Access Management (IAM) principles and cybersecurity best practices by collaborating with a simulated consulting team for Tata Consultancy Services (TCS). Delivered detailed documentation and presentations on IAM strategies.