Soniya Yadav

+91-6261879981 |soniyayadav3001@gmail.com| GitHub |CodeChef| linkedin.com/in/soniyayadav/| HackerRank

PROFILE

A highly motivated and dedicated Computer Science student with a strong interest in emerging technologies. Known for a proactive attitude, quick learning ability, and a passion for contributing meaningfully through innovative thinking.

EDUCATION

Baderia Global Institute of Engineering and Management — *Jabalpur, M.P.*
Bachelor of Technology in Computer Science Engineering — 2022 – 2026
Current CGPA: 8.38/10

St. Thomas Higher Secondary School — *Jabalpur, M.P.*
Higher Secondary School (12th) — Mar 2022
Percentage: 93.6
Secondary School (10th) — Mar 2020
Percentage: 97

SKILLS

Technical: C/C++, Python, Core Java, Data Visualization, Machine Learning, SQL
Tools: GCP, Power BI, GitHub

CERTIFICATIONS

- Programming Essentials in C/C++ by Cisco Networking Academy
- Programming Essentials in Python by Cisco Networking Academy
- Data Visualization with Power BI by Great Learning
- Natural Language Processing by NPTEL (IIT Kharagpur)
- SQL (Basic) by HackerRank
- Project Management Fundamentals by IBM SkillsBuild

EXPERIENCE

IBM SkillsBuild with CSRBOX — *Jabalpur, M.P.*
AIML Virtual Intern — June 2024 – July 2024

- Completed a 6-week virtual internship, covering AI/ML, neural networks, deep learning, and generative AI, including hands-on labs and real-world case studies.
- Achieved an average quiz score of over 80% across all modules.

PROJECTS

AI-Driven Crop Disease Prediction System — (Ongoing)

- Developing a real-time crop disease detection system using image-based classification and pre-trained CNN models.
- Includes photo upload feature for image-based diagnosis and actionable solutions.
- Tech Stack – Python, TensorFlow/Keras, OpenCV, Flask/FastAPI, React.js

Ultra Translator – Multilingual Text & Speech Translator — May 2025

- Developed an interactive Streamlit application to translate text and speech into 80+ languages with real-time transcription, text-to-speech playback, and dual modes for text input or microphone/audio file upload.
- Currently enhancing with a Video Translation Mode to enable transcription, translation, and dubbing of videos.
- Tech Stack – Python, Streamlit, Googletrans, gTTS, SpeechRecognition, PyDub, PyAudio

Diwali Sales Analysis Using Python — Oct 2024

- Conducted in-depth analysis of 1,000+ customer transactions during Diwali to identify top-performing segments and spending trends.
- Tech Stack – Python, Pandas, Matplotlib, Seaborn

ACHIEVEMENTS

- Team secured a position in the Top 5 and received the "Encouragement Award" in internal institute-level hackathon. — Feb 2025
- Team secured 2nd place in an internal hackathon conducted by the college for Smart India Hackathon. — Sept 2024
- School Academic Excellence Award in Class 12 Board Exams. — April 2022