

HARSHIT RATHORE

9926546160 | harshitrathorelink@gmail.com | Indore, Madhya Pradesh, India

[linkedin.com/in/harshitrathore3](https://www.linkedin.com/in/harshitrathore3) | github.com/harshitrathor3 | [Consistent Coding Profiles](#) | [Certificates](#)

EDUCATION

Bachelor of Computer Science Engineering

Acropolis Institute of Technology and Research, Indore

2020 - 2024

CGPA: 8.75

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Javascript, Java, HTML/CSS

Libraries: Flask, FastAPI, Scikit-learn, Tensorflow, OpenCV, NumPy, Pandas, Matplotlib, LangChain, OpenAI

Dev Tools: Git, GitHub, Linux, VSCode, Microsoft Excel, Google Sheets, JSON

DataBases: MySQL (Relational DataBase Management System), MongoDB (NoSQL DataBase)

Course Work: Data Structures & Algorithms, Object Oriented Programming, DBMS, Computer Networking

Interests: Front-end and Back-end Development, Data Science, Machine Learning, Open Source Contribution

Soft Skills: Problem Solving, Presentation, Adaptability, Teamwork

WORK EXPERIENCE

AI Intern

April 2023 - September 2023

AIoT Technologies

Indore

- Developed Spoofing Detection System from scratch.
- Employed MTCNN for face extraction, noise reduction techniques for image enhancement, and color conversion to YCbCr.
- Utilized a combination of VGG16, Voting Classifier, Weighted Average, SVM, KNN, and Decision Tree algorithms to predict the system's output.
- Achieved outstanding results with an **accuracy 99.77, precision 99.71, recall 100, and F1-score 99.85.**

PROJECTS

• Contactly [GitHub](#)

Developed a Contact App with advanced features, including cloud synchronization, contact grouping, contact sharing, bulk contact management.

- Tools & technologies used: Python, Flask, REST API Development, MySQL, Database Management
- Created and hosted the backend API, Implemented contact grouping and sharing features (more enhancements in progress).
- Designed the database structure and implemented bulk Excel contact management, real-time login, and session management.

• GitHub Repository Analyzer [GitHub Video Demonstration](#)

Developed an AI tool to assess GitHub repository complexity. It leverages on ChatGPT OpenAI API for assessment.

- Tools & technologies used: Python, Langchain, Streamlit, API.
- Fetched repository data → Conducted file analysis → Metadata generation → Utilized OpenAI API → Assess complexity.

• Invisibility Cloak [GitHub](#)

Designed a project to achieve invisibility using a red-colored cloth. This project involves hiding objects or individuals in a live video feed.

- Tools & technologies used: Python, Numpy, OpenCV.
- Captured and processed live video → Created a mask. → Implemented matrix operations to achieve the invisibility effect.

EXTRA-CURRICULAR ACTIVITIES

- **Led** various events, including Codespire and Intelli-learn, as (**Lead Advisor & AI/ML Lead at GDSC**).
- Volunteered at prestigious **National** events (Global Investors Summit, MP Auto Show) contributing success.
- Actively participated in multiple Hackathons, including Kavach, Kriyeta, HackRx, Flipkart Grid, and HashCode.

ACHIEVEMENTS & CERTIFICATIONS

- **Top 15%** in Leetcode biweekly contest 112 (**Global rank – 4285/29648**)
- Achieved **5th rank** in CODIFY, **15th rank** in Code Crusade showcasing problem-solving skills.
- Successfully completed Google Developer's ML Bootcamp and Amazon's ML Summer School
- [Coding Achievements](#) (Leetcode, Codechef, etc.) maintained a consistent track record of excellence.
- Certified in Data Structures, Web Development, Deep Learning, DataBase Management Systems [link](#)