Shatakshi Singh

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EDUCATION

Noida Institute of Engineering and Technology , Greater Noida   2022-2026
Bachelor of Technology in Computer Science, Specialization in Data Science   *CGPA - 8.28/10*

PROJECTS

AI-Powered Healthcare Platform | *React Native, Firebase, Dialogflow, Llama 2*   Sep. 2024 – Oct. 2024
- Designed and developed a smart healthcare platform integrated with an AI assistant for seamless user interaction and query resolution.
- Built a secure, HIPAA-compliant real-time chat system enabling multiple concurrent user sessions with end-to-end encryption.

Real-Time Object Detection System | *Python, Flask, YOLOv8, OpenCV, GitHub*   Dec. 2024 – Dec. 2024
- Developed a real-time object detection system using YOLOv8.
- Built a web app using Flask that performs real-time object detection via a webcam or video stream.
- Integrated YOLOv8 with a pre-trained model ('yolov8n.pt') to detect and display bounding boxes live in the browser.
- Deployed seamlessly using 'render.yaml' configuration for cloud hosting.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS
Frameworks: React, Flask, YOLOv8, NewsAPI
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, OpenCV
Developer Tools: Git, GitHub, Google Cloud Platform (Firebase), VS Code, Google Colab
Visualization Tools: Tableau

INTERNSHIPS AND TRAININGS

Data Science Intern   July 2024 – August 2024
Cognifyz Technologies   *Remote*
- Collaborated on data-driven solutions to solve real-world business problems using machine learning and analytics.
- Worked with structured datasets to generate insights and improve model performance.

AI/ML Virtual Internship   July 2024 – September 2024
Google (via Eduskills and National Internship Portal)   *Remote*
- Enhanced AI/ML knowledge with hands-on experience in data preprocessing, model training, and evaluation.
- Built mini-projects to implement core concepts such as supervised learning and deep learning.

CERTIFICATIONS AND ACHIEVEMENTS

Certifications

Coursera – IBM Python for Data Science, AI and Development   July 2024 – August 2024
Skills: Python, Data Science
Infosys Springboard – Building Machine Learning Systems with TensorFlow   August 2024
Skills: TensorFlow, Machine Learning

Achievements

- Finalist in GeeksforGeeks Delhi NCR Hackathon — Recognized for strong problem-solving and coding skills.

- Successfully completed the Microsoft Azure AI Skills Challenge — Demonstrated proficiency in Azure AI and machine learning concepts.