Aaryaveer Yadav

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https://github.com/Aaryaveeryadav

SUMMARY

A highly motivated and technically skilled individual with hands-on experience in Artificial Intelligence, Data Science, and Full-Stack Web Development. Proficient in Python, TensorFlow, React.js, and modern development frameworks, with a strong foundation in machine learning and deep learning. Currently pursuing a Professional Certification Program in AI and Data Science at DRISHTI CPS, IIT Indore. Proven ability to build and deploy real-time systems and intelligent applications, with a focus on innovation, collaboration, and continuous learning.

TECHNICAL SKILLS

Core : Data Structures & Algorithm, Machine Learning, Object Oriented Programming, Computer Networks, DBMS

Programming Languages: C++, SQL, Python

Web: HTML, CSS, React.js,Figma

Frameworks: TensorFlow, flask

PROJECTS

Face and Motion Detection System — Jan 2024 – Present
Computer Vision Project — *Python, TensorFlow, OpenCV*
- Designed a real-time system to detect human faces and motion in video streams
- Employed Haar cascades and background subtraction for efficient detection
- Optimized performance for live camera feed processing using OpenCV and TensorFlow

Weather Forecast Web App — Jan 2025 – Present
Frontend Development Project — *HTML, CSS, JavaScript*
- Created a responsive weather forecasting application using OpenWeatherMap API
- Implemented real-time data fetching and dynamic UI updates
- Focused on clean UX/UI and accurate 5-day forecast display

SkillSwap – Skill Exchange Platform — Dec 2024 – Present
Full-Stack Web Project — *React.js, HTML, Bolt AI*
- Developed an interactive platform to help users find and exchange skills with each other
- Utilized Bolt AI for intelligent matching and dynamic user interactions
- Designed an intuitive interface enabling skill listings, search, and exchange features

Image Captioning System — Jan 2023 – Present
Deep Learning Project — *Python, TensorFlow, OpenCV*
- Developed an end-to-end system for generating descriptive captions for images
- Utilized CNN and LSTM models for image feature extraction and caption generation
- Achieved state-of-the-art performance on the COCO dataset

EXPERIENCE

Intern – Professional Certification Program in AI and Data Science — Jun 2025 – Present
DRISHTI CPS, IIT Indore — *Indore, India*
- Currently undergoing intensive training and hands-on projects in Artificial Intelligence and Data Science
- Gaining exposure to real-world applications of Machine Learning, Deep Learning, and Data Analytics
- Collaborating with research mentors and peers to solve domain-specific problems using Python and ML frameworks

EDUCATION

VIT Bhopal University
B.Tech in Computer Science, (AI & ML)

Sehore, Madhya Pradesh
Aug 2023 – May 2027

St Paul's Convent Sr. Sec School, Ujjain
12th Standards, 86.6%

Ujjain, Madhya Pradesh
May 2023

CERTIFICATIONS

• Fundamentals in AI & ML

• Python Essentials

• Professional Certification Program in AI and Data Science from DRISHTI CPS IIT Indore