

Trishita Yadav

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Education

SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu Bachelor of Technology in Computer Science and Engineering CGPA – 9.61	2022 - 2026
Madhu Vachaspati Convent Inter College, Prayagraj, Uttar Pradesh, CBSE (class XII) – 79.6 %	2020 - 2022
Girls' High School & College, Prayagraj, Uttar Pradesh ICSE (class X) – 94.6 %	2009 - 2020

Skills

- **Languages:** C/C++, Python, Java, HTML, CSS, JavaScript
- **Libraries :** Numpy, Pandas, Matplotlib, Tkinter, Streamlit, PyTorch, OpenCV, TensorFlow, Keras, scikit-learn
- **Tools:** Excel, PowerPoint, MySQL, SQLite, OpenVINO
- **Platforms:** Windows, Ubuntu, Arduino, Jupyter Notebook, VScode, Github, Git, Google Colab, PyCharm
- **Soft Skills:** Problem Solving, Communication Skills, Adaptability, Time-Management, Self-learn, Teamwork

Experience

- Industrial Applications Society Member** | IEEE SRMIST Student Branch Feb 2024 - Present
- Promoted as Project Lead.
 - Deals with AI systems, Electronics, Embedded systems, ROS (Robot Operating System) and many more.
 - Significant contributions to the development of hands-on projects.

Project

- Identification of Eye Movements to Control Smart Appliances Using Deep Learning – Ongoing** (Python | TensorFlow | Keras | OpenVINO | HaarCascade | InceptionV3 | OpenCV | Arduino UNO) ([Github](#))
- Implemented a convolutional neural network (CNN) model to differentiate between open and closed-eye states.
 - Aiming to create a control system for individuals with Motor Neuron Diseases (MND) or mobility restrictions to operate appliances using eye movements.
- Human Detection using YOLOv5** (Python | YOLOv5 | PyTorch | OpenCV) ([Github](#))
- Real-time human detection and height estimation system using YOLOv5 model and OpenCV.
- Resume Screening** (Python | Streamlit | NLP) ([Github](#))
- Building a Streamlit app for candidate selection, which involves resume screening and HR authentication.
- QR Code Gen-T** (Python | Tkinter | SQLite) ([Github](#))
- User-friendly tool that simplifies the process of generating QR codes, making it accessible to a broad range of users.

Co - Curricular Activities

Hackathon:

- Full Stack Web Development Hackathon by FLiPR
- CodeFest'24 by School of Computing, SRMIST
- RoboGPT by Women in Tech club and NWC Dept. in collaboration with Orangewood Labs
- OODP HACK'23 by School of Computing, SRMIST

Events:

- CODEQUEST by Department of Computing Technologies, SRMIST (Qualified for Top 20)
- Project Expo'24 by ECE Department, SRMIST
- MOZOFEST Coding Event by SRMKZILLA

Certification

- Machine Learning Foundations – AWS Academy
- Programming in Java – NPTEL
- Android Developer Virtual Internship – Google
- Machine Learning, Data Processing and Visualization, Onramp – MATLAB
- Data Analytics – AWS Academy
- Data Analytics and Visualization – Accenture
- AI-ML Virtual Internship – Google