Rohit Suryavanshi

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CAREER OBJECTIVES

I intend to be apart of an organization where I can constantly learn and develop my technical skill and innovation and make the best use of it for growth of organization. To pursue a career that provide lateral and vertical growth. To deepen my AI knowledge by collaborating, contributing to innovative projects, and applying AI to real-world challenges. Excellent problem-solving, research, and collaboration abilities. Seeking a challenging role to develop cutting-edge AI solutions.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML/CSS, MATLAB

Deep Learning Frameworks: TensorFlow, ParlerTTS, PyTorch, Flask , Pandas

Libraries & Tools: OpenCV, Scikit-learn, Mediapipe, EJS, Git, Pickle

PROJECTS

Fake News Detector   May 2025 – July 2025
Deep Learning Project   *Python, Flask, NLTK*
  - Developed a full-stack web application to classify news articles as "Real" or "Fake" using Python and machine learning.
  - Implemented a Logistic Regression model using Scikit-learn, achieving text classification by processing and vectorizing news data with NLTK .
  - Built a user-friendly and responsive interface with Flask, HTML, and Tailwind CSS to deliver real-time predictions.

VisionVogue — Full-Stack E-commerce Website   Feb 2025 – April 2025
web development Project   *React, Node.js, Express, HTML, CSS*
  - Developed a full-stack, responsive e-commerce website for eyewear products using Node.js, Express, and Bootstrap 5.
  - Engineered a dynamic product catalog with advanced filtering and sorting, alongside a seamless shopping cart and checkout system to significantly enhance the user experience.
  - Integrated a robust shopping cart system and streamlined checkout process, significantly enhancing the overall user experience.

REAL-TIME INDIAN SIGN LANGUAGE TOSPEECHCONVERTER   Oct 2024 – Dec 2024
Machine Learning Project   *Python, Mediapipe, OpenCV*
  - Developed a real-time system using Python 3, OpenCV, and MediaPipe to convert Indian Sign Language (ISL) gestures into spoken English sentences.
  - Implemented a Random Forest Classifier for accurate gesture recognition and integrated ParlerTTS for natural, real-time speech output, providing immediate audio feedback and saving generated audio files.
  - Engineered a seamless workflow that captures gestures, constructs sentences, and generates speech, enhancing accessibility for sign language users.

EXPERIENCE

AI Intern   May 2025 – July 2025
BharatSkillz   *Jaipur, India*
  - Developed a strong understanding of deep learning, working with key architectures like Convolutional Neural Networks (CNNs) for computer vision tasks and Recurrent Neural Networks (RNNs) for sequence data analysis.
  - Applied my knowledge to build a practical Generative AI application. This involved designing and training a text-generation model using a Transformer-based framework to produce human-like text for creative writing or automated content creation.
  - Mastered core ML concepts, including supervised and unsupervised algorithms, and gained proficiency in data preprocessing, feature engineering, and model evaluation techniques.

EDUCATION

VIT Bhopal University,
B.Tech in Computer Science Engineering

Bhopal, India
Aug 2023 – Aug 2027 (Currently Ongoing)

Matoshree College
Higher Secondary Education

Nashik, India
May 2021 – May 2023

NewMaratha Highschool
Secondary School Education

Nashik, India
Pass out year- 2021

CERTIFICATIONS

• IU Indianapolis "Insights on Computational Data Science" by Indiana University

• Master Data Management for Beginners Course organized by TCS iQN

• Matlab (Mathworks) Onramp Course Certified

• Completed NPTEL for Machine Learning