AYUSH TRIPATHI

ASSISTANT PROFESSOR ⚲ NEW DELHI, INDIA ☎ +91-8377914656

○ DETAILS ○

New Delhi
India
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○ LINKS ○

LinkedIn

GitHub

○ SKILLS ○

Artificial Intelligence

Machine Learning

Python (Programming Language)

Operational Systems

Deep Learning

Data Analysis

Data Science

Machine Translation

Natural Language Processing

NLTK Library

NumPy

Pandas

Pytorch

Scikit Learn

Tensorflow

HTML

Cascading Style Sheets (CSS)

MySQL

Microsoft Windows

Linux

Microsoft Office

Microsoft Excel

Microsoft Word

Microsoft PowerPoint

👤 PROFILE

Meet a dynamic and versatile engineer with a unique blend of technical brilliance and artistic flair! As a multitalented individual, I am driven by a passion for both problem-solving and creative expression. My dedication to teamwork and the constant pursuit of innovative solutions allows me to create a positive impact on every project I undertake. Beyond my core technical skills, I am also apart-time dancer and vocalist, delighting in various entertaining pursuits that are sure to captivate your imagination. Moreover, I am an avid evening sportsperson, finding joy in playing badminton, chess, and a host of other sports. At the heart of my ethos lies Mahatma Gandhi's timeless MOTTO: "Be the change you want to see." Embracing this philosophy, I seek to inspire positive change and influence outcomes for the better in all aspects of life. Together, let's embark on a journey of innovation, creativity, and transformation as we push the boundaries of what's possible. Whether it's engineering excellence or captivating performances, I' merger to share my expertise and passion with you. Let's make a difference and leave an indelible mark on the world!

💼 EMPLOYMENT HISTORY

Assistant Professor at JIMS, Greater Noida
March 2025 — Present

As an Assistant Professor of Computer Science, my role goes beyond delivering theoretical knowledge—I am committed to equipping students with cutting-edge technological skills, nurturing their adaptability, and inspiring them to drive meaningful innovations that contribute to a better, more progressive world.

Assistant Professor at IEC College, Noida
February 2024 — March 2025

As an Assistant Professor of Computer Science, my role is not only to impart subjective knowledge but also to enhance the students' readiness in technology and to cultivate their versatility, enabling them to bring about positive change for the betterment of the world.

Subject Matter Expert at TutorBin, Gurgaon
April 2023 — September 2023

Being a subject matter expert for Tutorbin I have a strong desire to see students achieve excellence in their study in computer science. programming in Python, as well as data structures, machine learning, and artificial intelligence. carries out one-on-one tutoring sessions, elucidates ideas, helps with homework, and promotes a supportive learning atmosphere. makes use of modern channels to deliver engaging courses.

🎓 EDUCATION

M.Tech (Artificial Intelligence), I. K. Gujral Punjab Technical University, Mohali
November 2020 — November 2022

GPA: 7.62

Thesis Title: English to Sanskrit Text Translator

BTECH (Computer Science and Engineering), Uttarakhand Technical University, Dehradun
August 2016 — December 2020

Percentage: 68.84%

Project Title: Heart Disease Prediction Using Machine Learning

INTERNSHIP

Technical Support Engineer at Indian Railways

Working as an intern here my role is to mointer all the activities related to the locomotives and maintain the development of "SLAM software". Here I worked on the web base application "SLAM" software developed by the ministry of railway, which deals with the various activities related to the locomotive.

PROJECTS

English to Sanskrit Text Translator

Translating the English text into Sanskrit using the Google new API for the Sanskrit language and trying to analyze the developed system. Studied the various machine translation approaches that have been developed so far.

SPY CHAT

It's just a chatting application, in which you can:

1. Add a Friend

2. Send a Message to Friends

3. Can See Your Friend List

Heart Disease Prediction

Find out which supervised machine learning algorithm is best to predict heart disease. Among all the supervised machine learning algorithms, the KNN algorithm gives the best result to predict heart disease.

PUBLICATIONS

Wise Chatbot Based on AI

Wise Chatbot Based on AI, International Journal of Scientific Research and Engineering Development

THE ANALYSIS OF STOCK MARKET TRENDS USING THE K-NEAREST NEIGHBOR (KNN) ALGORITHM

Communicated a paper entitled "THE ANALYSIS OF STOCK MARKET TRENDS USING THE K-NEAREST NEIGHBOR (KNN) ALGORITHM in IEEE conference.

SEMINAR AND FDP

FDP on Confluence of Deep Learning, Generative AI and Data Science, GL Bajaj Institute of Technology and Management

Open Source AI for Higher Education , Meta, India

FDP on Advance Excel, PowerPoint and Word, Technoledge Eduresearch Pvt. Ltd

EXTRA-CURRICULAR ACTIVITIES

Tritiya Sopan at Kendriya Vidyalaya Sangthan State and Bharat Scout & Guides, Delhi Division, New Delhi

Regional Level Chess Player at Kendriya Vidyalaya Sangthan, Delhi Division

Best Performer Award at RedFM, Dehra Dūn

Incubation and Innovation Cell at IEC College of Engineering College

Worked as a member in Incubation and Innovation Cell to help nurture students to grow their innovative idea's.