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ABOUT ME

I am an enthusiastic and committed professional in computer science, dedicated to contributing to forward-thinking organizations. I value innovation, teamwork, and continuous improvement.

SKILLS & PROFICIENCIES

• Artificial Intelligence and Machine Learning

1. (Tech Stack : Natural Language Processing (NLP) with RNN and Transformer models, utilizing libraries like PyTorch and TensorFlow.
2. Computer Vision (CV) with libraries such as OpenCV and TensorFlow.
3. Reinforcement Learning, employing frameworks like OpenAI Gym.
4. Explainable AI (XAI) methodologies and tools.
5. Automated Machine Learning (AutoML) solutions, including Auto-Sklearn and H2O.ai.).

• Cloud Computing and Automation

1. (AWS EC2: Proficient in deploying and managing Amazon Elastic Compute Cloud instances to ensure scalable and secure cloud-based computing infrastructure.
2. AWS IAM: Skilled in configuring and maintaining Identity and Access Management policies to control user access and enhance security across AWS services.
3. AWS Lambda: Experienced in developing serverless functions using AWS Lambda for efficient, event-driven computing.
4. AWS VPC: Competent in designing and implementing Virtual Private Clouds to create isolated and customizable network environments within the AWS cloud infrastructure.)

• Technical Skills and Languages

C++ , Python, Java, HTML/CSS, JavaScript
ReactJS, NodeJS, Django

INTERNSHIPS & CERTIFICATIONS

• Machine Learning Intern

NAKAD

January-February, 2024

Built a ML Model with the help of RNN and NLP for the company business PR and Invoice Recconciliation

• Apple Siri - How does Voice Recognition Work

TechLearn

January, 2022

Program covering complete use of ASR, Deep Learning, NLP, Language Models, Cloud Computing and TTS Concepts.

• DATA ANALYSIS THROUGH SPSS

Workshop

March, 2023

Vellore Institute Of Technology Business School

Offline Training session where I learned how to analyze and derive insights from different data sets.

• CODSOFT

INTERNSHIP

September, 2023 to October, 2023

Movie Genre Classification

Using the techniques like TF-IDF and Word Embeddings with classifiers as Naive Bayes, Logistic Regression, Support Vector Machines.

• DATA ANALYSIS THROUGH SPSS

Event Management - Student Co-ordinator

March, 2023

Vellore Institute Of Technology Business School.

• HUMAN RESOURCE

INTERNSHIP

May, 2021

पढ़ाई HIGH.

EDUCATIONAL BACKGROUND

• St. Fidelis College, Lucknow

-- Matriculation, 2018

-- Senior Secondary, Science and Computers, 2020

• Vellore Institute of Technology

Bachelor's of Technology

Computer Science and Engineering

2021 - 2025

COURSES

- **Generative AI with Large Language Models**

COURSERA

November, 2023

Authorized by Google and offered through Coursera

- **Introduction to Artificial Intelligence (AI),
IBM**

COURSERA

Authorized by Google and offered through Coursera

- **Bits and Bytes Of Computer Networking**

COURSERA

March, 2023

Authorized by Google and offered through Coursera

- **Machine Learning Foundations:**

A Case Study Approach

University of Washington

COURSERA

November, 2023

Authorized by Google and offered through Coursera

- **NPTEL:**

Internet Of Things

Indian Institute of Technology Kharagpur

SWAYAM

July-December, 2024

Authorized by Govt. Of India

EVENT MANAGEMENT

- **Functional Area Head**

38th National Games Uttarakhand

5 Fanpark in Different Cities Management

13 Host City Activation

13 Cities Of Uttarakhand

December, 2024 - February, 2025

Deepali Designs and Exhibits Pvt. Ltd.

- **Operation Secretariat**

First International Solar Festival, 2024

Pragati Maidan, Bharat Mandapam

August- September, 2024

Ocassion Experts

- **Production Secretariat**

UP Ground Breaking Ceremony ,2023

Indira Gandhi Pratisthan

January-February, 2024

Deepali Designs and Exhibits Pvt. Ltd.

- **Vendor**

Kit Packaging

Seventh Session Of the Interntional Solar Alliance Assembly

Pragati Maidan, Delhi

November, 2024

- **Supervisor**

Production Team

IHGF Delhi Fair

Pragati Maidan, Delhi

IHGF Delhi Fair Autumn 2025

Deepali Designs and Exhibits Pvt. Ltd.

- **Supervisor**

G20+Global Investor Summit, 2023

Vrindavan Colony

January-February, 2024

Deepali Designs and Exhibits Pvt. Ltd.

- **DATA ANALYSIS THROUGH SPSS**

Student Co-ordinator

March, 2023

Vellore Institute Of Technology Business School.

PROJECTS WORK

- **JSON Transformer**

September, 2023 - November 2023

So my project aims to automatically process and extract valuable information from JSON data using PyTorch Transformers and neural networks.. This project achieved an impressive 96% accuracy rate, demonstrating its proficiency in parsing, transforming, and extracting valuable insights from structured and semi-structured JSON datasets. I used JSON data because of their lightweight, human-readable, and easy-to-parse data storage and interchange format.

- **SPIDER**

June, 2022 - August, 2022

Developed a robust web scraping web application using a tech stack that includes HTML/CSS for front-end design, JavaScript for interactive features, Django for the back-end framework, SQLite for data storage, and BeautifulSoup for efficient web scraping. Achieved high data extraction accuracy of over 95% in retrieving structured information from web sources, enhancing data quality and utility for subsequent analysis and applications.