RITIK DAVE

Computer Science Engineer | Machine Learning Engineer |

AI Developer | Web Developer.

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Portfolio : https://ritikdave-9.github.io/portfolio/
Address   : jaipur , Rajasthan (IN)

Education

B.Tech in Computer Science (9.3 CGPA)

Rajasthan Technical university
Arya College of Engineering and I.T. Jaipur   2020-2024

Senior Secondary Education (71%)

Rajasthan Board
GreenPark Senior Secondary School, Kekri   2020

Secondary Education (90.17%)

Rajasthan Board
Patel Adarsh Vidhya Niketan, Kekri   2017

Skills

Programming Languages	C++, Python, JavaScript, SQL
Website Development	MERN Stack, NextJs, Flask
Python Libraries & Frameworks	Numpy, Pandas, Scikit-learn, PyTorch, Seaborn, Matplotlib
Machine Learning & Deep Learning	Regression, Classification, Decision Trees, SVM **Deep Learning:** CNN, RNN
Version Control & Deployment	GitHub
Operating System	Linux and Windows

Experience

AI Developer (Hackathon) | SoftServ | March 2024

- ➤ Participated in SoftServ hackathon, delivering Pixel Pipers: an AI-powered inventory tool using PyTorch.
- ➤ Implemented YOLOv8 for object detection to count pipes and rods from images.
- ➤ Developed a user-friendly Flask interface and deployed on Azure, significantly improving inventory count accuracy and reducing manual effort.

Projects

AI Text-to-Video Lip-Sync Application | Freelance | March 2024

- ➤ Created a cutting-edge application using **GANs** and **Deep Learning** models.
- ➤ Successfully implemented **audio-to-video synchronization** with 90% accuracy

Email Spam Classification Model | Personal Project

- ➤ Developed a machine learning model using **Python** and **Scikit-learn**.
- ➤ Employed techniques like **Logistic Regression**
- ➤ Achieved an **accuracy rate** of 95% and a **precision score** of 92%.

E-Commerce Website | Personal Project | 2023

- ➤ Created an e-commerce platform using **Mern Stack**, offering a seamless shopping Experience. 2023

NewsYard | Personal Project | 2023

- ➤ showcasing a real-time news display platform.
- ➤ **Link** : https://newsyard.netlify.app/

Achievements & Certificates

- ➤ **Red Hat Certified System Administrator (RHCSA)**
- ➤ Industrial Training in DataAnalysis and **Machine Learning** in **Grras Solutions Pvt Ltd**
- ➤ AMCAT Employability Test Certificate
- ➤ Solved **100+ DSA** questions on GeeksforGeeks using C++, strong grasp of data structures.

Extracurricular Activities

- ➤ Led college **Music Band**; showcased leadership through performances, including flute solos at cultural events.
- ➤ Participated in **Flow Hackathon**, showcasing problem-solving skills.

Personal Qualities

- ➤ **Fast Learner**: Quickly grasp new technologies and concepts to stay ahead in tech's rapid changes.
- ➤ Skilled in **AI Tools**: Proficient at using ChatGPT for NLP and adept at **prompt engineering**, ensuring efficient task completion