PANKAJ TYAGI

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EDUCATION

DOON INSTITUTE OF ENGINEERING & TECHNOLOGY, RISHIKESH
B. Tech (Computer Science)
2021 – (Ongoing)

MARIA SCHOOL, JASPUR
SSC (2021)
Percentage: 92.75%

COURSEWORK

UNDERGRADUATE
- Data Structure
- Computer Network
- Object-Oriented Programming
- Database Management System

SKILLS

❖ Programming:
- C • Java • JavaScript • Python
- TypeScript

❖ Front-end:
- ReactJs • NextJs

❖ Back-end:
- NodeJs • ExpressJs • Django

❖ Database:
- MySQL • MongoDB

❖ Version Control:
- Git

❖ Web Technology & Languages:
- HTML5 • CSS (Bootstrap5, Tailwind)
- XML • MS-Excel
- PowerBI • Docker

❖ Libraries:
- SciPy • Scikit-Learn • Redux
- NumPy • Pandas • Jest (For Testing)

❖ OS Experience:
- Windows • Linux

❖ Soft Skill:
- Decision-making
- Teamwork andcollaboration
- Leadership
- Time Management
- Rational Thinking

EXPERIENCE

EY TECHNOLOGIES | INTERN
Feb 2024 - Apr 2024
- It is a Virtual internship programmed organized by EY technologies in collaboration with AICTE.
- During this program, I have developed a full-fledged music website built using Python's Django framework.

EDUNET FOUNDATION | INTERN
Feb 2024 - Mar 2024
- This virtual internship program helped me gaining the knowledge in the field of AI & Cloud.
- During the program, I have developed the College Chatbot using NLP concept in IBM cloud.

PROJECTS

COLLEGE CHATBOT (UNDER INTERNSHIP) | LIVE
Watson Assistant, IBM Cloud Service
- Developed college chatbot using Watson Assistant on IBM cloud to modernize communication & information access in our academic.
- Addressed the outdated systems by creating an intitutive interface for students, faculty, & staff, facilitating quick responses to queries, and enhancing overall user experience.

MUSIC WEBSITE (UNDER INTERNSHIP) | *GITHUB LINK*
- Developed a fully responsive music website ("MelodyMix") using Python Django framework enabling music discovery with features like listening, searching, and personalized experiences along with easy login and signup functionalities for seamless user engagement.

AI & ML Tools (DURING LEARNING) | *GITHUB LINK*
- Developed a *Car-Detector* leveraging Haar Classifier and OpenCV TO detect a car in images and videos streams. Potential applications include traffic monitoring, surveillance, and autonomous vehicle.
- Developed a *Cat-Vs-Dog-classification* Model in Deep learning by utilizing CNN concepts in it. This model is used to classify between a dog and cat images. Data for training and testing purpose in fetched from Kaggle.

CHAT WEB APP (DURING LEARNING) | *GITHUB LINK* | LIVE
- **iGLuz** is a real-time chat application built using the MERN stack (MongoDB, Express.js, React.js, Node.js), featuring secure user authentication, real-time messaging with Socket.io, and a responsive user interface. The application supports individual and group chats, message notifications, and profile management, providing a seamless and efficient communication experience.

ACHIEVEMENTS AND CERTIFICATES

2023 Certificate, Participated in Hackathon organized by UnStop.
2023 Certificate in Python Workshop by UPTOSKILLS.
2024 Certificate, Data Visualization & Data Science by IBM SkillsBuild.
2024 Certificate in Advanced Software Engineering Job by Forage.
2024 Participated in MERN Full-Stack Developer Evaluation Orgainsed by DevRhylme Foundation.