PANKAJ TYAGI

Github | LinkedIn | _pankajtyagi1601@gmail.com_ | +91 8476846209 | Uttarakhand, India

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- Addressed the outdated systems by creating an intitutive interface for students, faculty, & staff, facilitating quick responses to queries, and enhancing overall user experience.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 Model_ 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

Year	Description
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**.