Aryan Dev

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Bachelor of Technology
Artificial Intelligence and Data Science
Guru Gobind Singh Indraprastha University EDC Delhi
Enrollment No: 00419011921

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science

2021-25

UNIVERSITY SCHOOL OF AUTOMATION AND ROBOTICS Surajmal Vihar New Delhi

CGPA: 7.5

Intermediate

Year: 2021

Venkateshwar Global School , Rohini sector-13 , New Delhi

Percentage: 94%

PERSONAL PROJECTS

Hospital Mangement System
A user interface system used for management and efficient administration of a hospital.

- Facilitating automatic user redemption once logged in – Used data encryption techniques to create high order security.
- Technology Used: Python, mySQL , VsCode.

Text Summarizer and Translation Using NLP
A GUI application used to translate the entered text and summarize the entered text.

- Used NLP , NLTK and vectorization techniques for summarization of text just providing key points.
- Also used tkinter for building application and text translation.
- Technology Used: NLP, Python, tkinter UI, nltk.

AI Based Smart Traffic Fine System
A smart traffic violation detection system that detects traffic violation through camera and generates challan.

- Used Deep learning and computer vision for detecting helmets, red light jumps , lane detection, etc.
- Used OCR , YOLO , Open CV , Tesseract , Jupyter and python for building model.
- Also built a UI where the user gets to see all challans which are generated on violation.
- Also used SQL, and tkinter to built a UI and store data.

EXPERIENCE

DUCAT Training School Internship

August - Sept 2023

AICTE-Eduskills

Offline

- In-depth understanding of Core Java programming using technologies such as HTML , CSS , javascript , React , Node , Firebase , NPM , etc.
- Built a Job Platform using REACT JS which aims to create a job platform for job seekers that is more user friendly and dynamic.
- Performed tasks under proper guidance of mentors in a team and collaborative environment.
- Hands-on experience on website security , cloud security and core java programming.

Hexagon Geosystems India Pvt. Ltd. Internship

Feb – June 2025

Worked as a software developer intern and gained hands on experience mainly on c# , database and python

Offline

- Gained hands on and practical knowledge about c# and python by working on real life projects related to GIS and mapping , involving data correction and building tools for assistance.

- Built An Error Logging Tool that takes a screenshot as an input and logs error by selecting its feature type and error type, if it matches file prefix , error is logged and stored successfully.
- Also created various tools on Blender using python and its API like built an IV-Exporter that converts .obj file to .iv and various cleanup tools that provides assistance to user.

TECHNICAL SKILLS AND INTEREST

Languages: C/C++,C#, Python, HTML+CSS, Java
Libraries : numpy , pandas , matplotlib , scikitlearn , OpenCV , PyTorch , TensorFlow
Web Dev Tools: Nodejs, VScode, Git, Github
Frameworks: Computer vision , NLP , machine learning , deep learning
Cloud/Databases: MongoDb, Firebase, Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Web Design and Development, Cloud Security, Data science

POSITIONS of RESPONSIBILITY

Nature Club   *april - dec 2023*
- Worked as treasurer for the club handling all the finances.
- Took part in all events related to club and helped in organizing events.