MOHAMMAD SAYEED

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EDUCATION

Dr. Babasaheb Ambedkar Technological University– B.Tech	**August 2018 - May 2022**
Major: Computer science.	(CGPA 8.93/10)

PROFESSIONAL EXPERIENCE

Intelegain Technologies Pvt Ltd - AI Developer   **Nov 2023 - Present**
Projects:

- **Professr – chatbot for internal HRMS(Human resource management system):**
  Project Description:
  The HRMS Chatbot simplifies HR tasks by providing instant access to employee details, leave management, attendance tracking, onboarding assistance, and policy clarifications**.**
  Benefits:
  - Enhances efficiency and accuracy in HR operations.
  - Improves accessibility and engagement for HR professionals and employees.

  Implementation:
  Leverages advanced NLP and machine learning, seamlessly integrated with existing HRMS platforms.

CheckExplore Technologies- Jr. AI Developer   **Oct 2022– Oct 2023**
Projects:

- **VahanCheck - Vehicle Pre Inspection System:**
  Objective : The goal was to develop a cutting-edge vehicle inspection system for insurance purposes that makes use of AI techniques like deep learning and computer vision. This system greatly improves the speed and precision of inspections of vehicles by accurately categorizing vehicles, their components and any damages.
  - Trained and deployed a model for detecting vehicle angles and further integrated to an android app.
  - Demonstrated skills: Python, Deep Learning, Computer Vision,OCR, ML, FastAPI, Docker, RabbitMQ.
- **TyreCheck - Automated Tire Warranty and Claim Process:**
  Objective : Automate warranty and claim process for tire manufacturers.
  - Employed cutting-edge image processing methods to extract precise tire depth data and developed a machine learning model that could correctly interpret the observations.
  - Trained deep learning models to enable real-time detection of tire issues like cracks, bulges, punctures, and cuts. This approach allowed quick tire assessments without any manual inspection needed.
  - Interpreted OCR and computer vision techniques to extract tire information and vehicle information.
  - Skills used : Python,Yolo, Yolact, FasterRCNN,OCR, Docker and FastAPI.

TECHNICAL SKILLS

- **Languages:** Python, Java, HTML,CSS, MySQL.
- **Libraries & modules:** OpenCV, PyTorch, Tensorflow, Numpy, Pandas,FastAPI, Scikit-learn, Seaborn, Keras
- **Models:** FasterRCNN, MaskRCNN, Yolact++, Llama2, Gemma, Mistral,
- **Advanced Technologies:** Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Optical Character Recognition
- **Application Software:** Docker, Git, RabbitMQ, MS Office, Visual Studio Code.

ACADEMIC PROJECTS

IPL data analysis	**Jan 2022 – April 2022**

Analyze IPL data using Python, Pandas, Matplotlib, and Seaborn. Explore team and player performance, match outcomes, and trends. Visualize insights for informed decision-making.

CERTIFICATIONS

- **The complete python developer** from Udemy.   Dec 2020
- **The Data Science Course: Complete Data Science Bootcamp** 2024 from Udemy.   Oct 2021

ACTIVITIES

- Event Head in a Technical Event at ACE-DBATU.   March-2022
- Sponsorship Team Member for ACE-DBATU.   2019-2020