

MOHD KAIF

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EDUCATION

Vellore Institute of Technology

Integrated Mtech in Artificial Intelligence and Machine Learning
CGPA : 8.29/10

Bhopal, Madhya Pradesh

September 2021 onwards

SKILLS

Languages: Java, Python, SQL,R,HTML,CSS.

Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, OpenCV, Gensim.

Tools: Amazon Web Services, Anaconda.

Coursework: Database Management System, Object-Oriented Programming, Data Structures and Algorithms, Operating Systems.

PROJECTS

Virtual Mouse Using Hand Gesture

March 2024 - April 2024

- Developed a model enabling virtual PC control through specified hand gestures captured by a camera, leveraging computer vision and image processing techniques to accurately interpret hand movements
- translate them into cursor actions on the screen. Achieved an "A" grade for the project, highlighting its
- effectiveness and innovation, collaboratively executed by a team of 5 members with the help of Python, OpenCV,
- Convex Hull algorithm, image processing.

AI-IOT Enabled Automated Wheelchair (a prototype approach)

December 2023 - January 2024

- Developed an IoT-enabled motorized 4-wheeled wheelchair powered by an electric motor, designed for individuals unable to propel a manual wheelchair, integrating AI and ML algorithms to enhance functionality and user experience.
- Led the coding and development efforts for the control system, collaborating with a team of 5 members, and achieved an "S" grade (topper's grade) utilizing Arduino (C++, C), IoT, Python, and many different Machine Learning Algorithms.

WORK EXPERIENCE

SkillsBuild Program ,EDUNET

Cyber Security Intern

December 2024 – January 2025

- Participated in IBM's SkillsBuild program, focusing on foundational Cyber Security skills to prepare for entry-level positions in the industry.
- Developed a deep understanding of key Cyber Security principles, including encryption, firewalls, ethical hacking, and security protocols.
- Gained hands-on experience through e-learning modules covering topics such as network security, data protection , risk management, and threat detection.

CERTIFICATION

- Applied Machine Learning With Python, Coursera
- Computer Vision Certification Course, Vityarthi
- Cyber SecurityIBM Skill Build
- Cloud Computing NPTEL