MOHAMMED MUZAFFAR LATEEF

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EDUCATION

Lords Institute of Engineering And Technology
Bachelor of Engineering in Computer Science (AIML) July 2024(Expected)
Osmania University, Hyderabad, Telangana

Relevant Coursework: Full Stack Web Development, Design and Analysis of Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Automation, Data Science, Cyber Security, Figma UX/UI Design

PROGRAMMING PROJECTS

ONLINE PORTFOLIO WEBSITE

Languages and Tools Utilized: HTML, CSS, JavaScript, Bootstrap, VsCode

- Created a personal portfolio website using HTML, CSS, and JavaScript.
- Implemented responsive design to ensure optimal user experience across devices.
- Showcased various projects, skills, and achievements related to web development.
- Link: **muzaffarlateef-portfolio.netlify.app**

TRAVEL ADVISOR WEB APP

Languages and Tools Utilized: React.js, RapidAPI's TravelAdvisor API, Google Maps API, Axios, Styled Components

- Developed a Travel Advisor web application.
- Built using React.js, showcasing expertise in modern front-end development.
- Leveraged external APIs, including RapidAPI's TravelAdvisor API and Google Maps API.
- Demonstrates API integration skills and the ability to work with third-party data sources.
- Focused on user experience design, ensuring a user-friendly interface.
- Illustrates proficiency in responsive web design for optimal performance on various devices.
- Link: **travelguider-api.netlify.app**

HAND GESTURE RECOGNITION

Languages and Tools Utilized: Python, OpenCV, MediaPipe, VsCode

- Developed a real-time hand gesture recognition system using Python.
- Utilized computer vision libraries, including OpenCV and MediaPipe, to analyze and recognize hand gestures.
- The project's primary goal was to track and interpret hand movements in real-time.
- **Gesture Recognition:** Developed algorithms to recognize predefined hand gestures, making it a useful tool for gesture-based interaction.
- **Image Capture:** Allowed users to capture images of their hand gestures, which were saved for further analysis or use.
- Link: **github.com/Muzaffar-eth/hand-gesture-recognition-python.git**

STRESS DETECTION IN I.T PROFESSIONAL

- Developed a cutting-edge mini project on "Stress Detection in IT Professionals" during the 5th semester, implementing the K-Nearest Neighbor machine learning algorithm for accurate analysis and prediction.
- Implemented a state-of-the-art deep learning model for image classification to enhance the accuracy and reliability of stress detection, surpassing the capabilities of existing systems in the industry.
- Showcased the superiority of our project by conducting rigorous comparative analysis, demonstrating its effectiveness in accurately identifying stress patterns and providing valuable insights for IT professionals.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, HTML, CSS, JS, React.js, MySQL
Software Tools: VsCode, Jupyter Notebook, Spyder, Git, API, JSON
Personal Skills: Creative spirit, Designing, Organizational, Time management, Leadership, Team player, Fast learner