Mohd Anas Khan

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Portfolio

Education

Dr APJ Abdul Kalam technical University   Dec. 2020 – June 2024
Bachelor in Computer Science and Engineering   *CGPA-7.5*

Experience

Sintech Technologies   July 2023 – Aug 2023
Web Development

- To create a personal portfolio with the basic skills in CSS and HTML. This is yet again, one of the most common projects on web development for beginners. In a personal portfolio, get to show a wide range of samples and skills.
- Designed and implemented a responsive landing page featuring a dynamic navigation menu using HTML, CSS, and JavaScript and developed a sleek and user-friendly To-Do list app enabling users to effortlessly add, edit, and delete tasks. And Developed an Android calculator app capable of executing fundamental arithmetic operations..
- Developed controllers for registration and login using TypeScript, Node.js, and MongoDB.

Projects

Virtual Mouse Using Hand Gesture | *link*   January 2024

- Tech- Python, OpenCV, TensorFlow, MediaPipe)
- The application leverages computer vision techniques to track hand movements in real-time. Using MediaPipe, a library for face and gesture recognition, the system captures the coordinates of key points on the hand,like fingertips and joints.
- The captured coordinates are mapped onto the screen, allowing the system to translate hand movements into cursor movements For instance, moving the hand right shifts the cursor accordingly, while raising the hand simulates a click
- TensorFlow is employed to enhance the accuracy of gesture recognition through trained models. These models learn to identify different gestures, enabling precise control over cursor actions.

E-commerce web | *link*   March 2023

- Built an end-to-end e-commerce platform using MERN stack. handled login, product listings, and cart features smoothly. Added payment gateways for hassle-free, secure transactions.
- Frontend with React, backend managed by Node.js/Express. Took care of data handling with MongoDB. Showcased solid full-stack skills and project management in an agile environment.

Wikification Tool | *link*   February 2022

- Developed a search tool using HTML, CSS, and JavaScript that allows users to search for information on any topic.
- engaged the Wikipedia API to fetch relevant data and dynamically display Wikipedia links. - Implemented a user-friendly interface with responsive design, ensuring accessibility across various devices
- Demonstrated proficiency in front-end technologies, enhancing the project's user experience.

Weather website | *link*   February 2021

- Built a weather app using HTML, CSS, and JavaScript with real-time data from a third-party API. Made sure the design was responsive for all devices, showcasing solid front-end skills.
- Utilized asynchronous JavaScript (AJAX) to handle API requests efficiently, fetching and displaying weather updates in real-time.

Technical Skills

Languages: C, C++, JavaScript, Java
Developer Tools: Github, Visual Studio Code, Git, thunder client
Technologies/Frameworks: React, ExpressJs, NodeJs
Others: Data Structures, OOPs, HTML/CSS, jQuery, AZAX
Database: SQL Mysql, MongoDB

Certification and ExtraCurriculam

Certificates of Web Development by Coursera
Completed 500 DSA question in different different plateform
Certificates of javascript by Coursera
Certificates of java and c++ by Udemy
Paper on "Virtual Mouse Using Hand Gesture" published in Volume 5, Issue 5 of the International Journal of Research Publication and Reviews (IJRPR). | *link*
Certificate for the published paper available | *here*