MONISHA V

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OBJECTIVE

Detail-oriented Full Stack Developer with a passion for crafting creative and user-friendly Interface. Proficient in MERN stack (MongoDB, Express.js, React, Node.js), eager to contribute my technical expertise to create innovative and scalable web applications.

EDUCATION

B.E in Information Science and Engineering   **2020-2024**

MVJ COLLEGE OF ENGINEERING | Bengaluru

CGPA: 8.8/10

SKILLS

Programming Languages	C/C++, JavaScript, HTML, CSS, Python
Frameworks/Libraries	React, Express.js, Bootstrap, SASS, SCSS
Database	MongoDB, MySQL
Developer Tools	Git/ GitHub, Visual Studio Code
Academic Coursework	Data Structures, OOPS, DBMS, Operating System
Certifications	JavaScript (HackerRank) | ReactJS (HackerRank) | MERN Stack (Codekaro)
	SQL (Hackerrank) | Problem Solving (Hackerrank)

EXPERIENCE

All India Council for Technical Education | Intern | Remote   **03/2024 – 04/2024**

- Developed Modern Agency Website, responsive platform with dynamic content using HTML, JavaScript, Bootstrap for the front-end, and optimized MongoDB for efficient data management, improving system efficiency by reducing query response time by 40% through indexing and optimization techniques.
- Proficient in creating responsive website with Bootstrap and improving search engine rankings.

PROJECTS

IOT Based Theft Detection System | PIR Sensor, ESP8266NodeMCU, Blynk Cloud, IFTTT System

- Developed and maintained real-time monitoring systems using sensors to detect human motion and effectively respond to unauthorized movement.
- Delivering instant alerts to users phone to ensure immediate notification of potential security breaches.

Customization of AI Virtual Mouse Using Hand Gestures | OpenCV, TensorFlow, CNN, webcam

- Implemented sophisticated input technology using cameras to track hand gestures and allow users to configure gestures for various mouse functions, such as clicking and scrolling.
- Allows users to create and modify gesture commands, enhancing flexibility, user experience, and adaptability.

DigiHelp Website | Node.js, MongoDB, Express.js, Bootstrap, Mongoose

- Implemented a database CRUD system with a user interface that enforces role-based access control, ensuring users interact with data based on their assigned roles.
- Developed a robust user authentication mechanism and integrated a secured payment gateway for handling transactions.