Shaik Mustaq Ahmad

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Objective

To secure a responsible position in a growth-oriented organization where I can utilize my technical and interpersonal skills while contributing meaningfully to the organization's success.

Education

Nimra College of Engineering & Technology   July 2022
- GPA: 7.5/10 in Electronics and Communication Engineering

Dhanekula Institute of Engineering & Technology   March 2019
- GPA: 6.67/10 in Electronics and Communication Engineering

Technologies

Programming Languages: HTML, CSS, JavaScript, Python,

Frontend: React.js, Bootstrap

Backend: Node.js, Express.js

Database: MySQL, MongoDB

Tools and Platforms: Git, GitHub, VS Code

Projects

Smart Library Management System using RFID,
- Designed a smart library management system using RFID technology, streamlining book tracking, checkout, and return processes for enhanced operational efficiency.
- Designed a smart library management system using RFID technology, streamlining book tracking, checkout, and return processes for enhanced operational efficiency.
- Implemented a database-driven solution for real-time tracking of library assets, reducing manual errors and improving user access speed.
- Optimized system performance through rigorous testing, ensuring reliable RFID tag detection and seamless integration with existing library workflows.

Hand Gesture Controlled Robot using Raspberry Pi
- Engineered a hand gesture-controlled robot using Raspberry Pi, leveraging computer vision and machine learning to enable real-time gesture interpretation for accurate robotic control.
- Developed a Python-based system integrating OpenCV and TensorFlow, facilitating seamless hand gesture recognition and precise motor actuation for intuitive human-robot interaction.
- Designed custom algorithms to enhance gesture detection accuracy, ensuring reliable performance across diverse lighting conditions and complex environments.
- Conducted rigorous testing and optimization, achieving robust responsiveness and adaptability, significantly improving the robot's operational efficiency and user experience.

Certifications

GitHub By LinkedIn Learning
HTML Essential Training By LinkedIn Learning
CSS Essential Training By LinkedIn Learning
Javascript Essential Training By LinkedIn Learning
SQL Hands on Practice By LinkedIn Learning