Muhammad Hassan Nasir

Software Engineer

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A computer science undergraduate who is seeking practical job experience Because I enjoy finding solutions to problems and getting over challenges, I prefer to think of myself as someone who is solution-oriented. Working on my own projects has allowed me to develop experience. My professional goal is to land a position at a top technological business where I can develop my skills and educate others.

EDUCATION

BS Computer Science
Bahria University Islamabad
08 / 2018 -- 07 / 2022

SKILLS

- HTML5
- CSS3
- JavaScript
- Java
- ReactJS
- NodeJs
- MongoDB

PERSONAL PROJECTS

Voice Activated Object Tracking Quadcopter

A versatile Voice Activated Object Tracking Quadcopter, or VAOTQ, allows you to travel in the backseat without the inconvenience of carrying a camera by putting the camera on autopilot. This was my final year project, and I used reactJS for the front end, yoloV4 for person detection, and deep sort to track that individual. The backend was developed in Python. I equipped my drone or quadcopter with ultrasonic sensors to prevent any collisions.

Ecommerce Shopping store

This project taught me how to Build a fully functional E-commerce website using MERN Stack. I use four powerful technologies: React (Frontend), Node.js (Backend runtime environment), Express (Backend Framework), MongoDB (Database). In addition, I implemented authentication and authorization using best practices and utilized Redux for state management, stipe for payments, Cloudinary for handling our photos, and other services as needed.