Thoufeek Baber

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Skills

- Project Management
- Problem Solving
- Creativity
- Leadership
- Communication Skills

Technical skills

- Microsoft Word, Canva
- Adobe Photoshop, Premiere Pro
- Javascript , React JS, React Native, Express Framework
- C++
- Linux OS/ Windows OS

Education

2018-2022
4 years

Bachelor of Technology in Electronics and Communication Engineering

Vidya Academy Of Science and Technology Technical Campus, Kilimanoor .
CGPA : 6.94

2016-2018
2 years

Higher Secondary Education in Biology Science

G.H.S.S Cherunniyoor
Pass percent : 72.5

Activities

Team lead, intra college Tech-Fest 2019-2020, department of Electronics and Communication Engineering.

Project coordinator intra college Tech-Fest 2021-2022, department of Electronics and Communication Engineering.

National Service Scheme(NSS) volunteer, executive member, college level (2019 - 2021).

Program coordinator, Innovation and Entrepreneurship Development Cell (IEDC), college level (2020-2022)

Projects

Academic - (Final Year)

Metaverse as platform for virtual learning inside a virtual campus

- Developed a virtual campus using Unreal Engine software in which a teacher and students interact each other using VR goggles(mobile phone) Steam VR and Trinus..

Internship

Mern Social Network App

- Mern Social network app is a real time app where users can register/login using an email address and can interact with other users.
- The framework used are **Reactjs, Mongodb, Nodejs, Express, Axios.**
- **Github repo** : https://github.com/thoufeekx/MERN_BootCamp

Experience

- Junior Project Assistant (Embedded and IoT) in the Research and Development department at Msigma Gokulam Ltd. since November 2, 2022 - August 21 2022

Projects

Tech Fest   ### Arduino Radar

- Arduino radar can locate obstacles with in range of 10 - 100 cm.
- Components include ultrasonic sensor, arduino uno and a servo.
- Output is visualised using a processing software.

Tech Fest   ### Arduino Steering Wheel

- The steering wheel can control the direction of the vehicle in a video game (NFS) and two buttons (break and accelerate) can be used to move forward and stop the vehicle.
- Unojoy is used to convert arduino into joystick and vice versa.
- The varying potentiometer value is used to measure the turn rate of the steering wheel.

Personal   ### Cube Runner Game

- Whole game is built inside Unreal Engine software version 4.27.
- The cube run forwards infinitely until the cube hits an obstacle or fall off from the edge.
- Game uses unreal engine scripts.

Personal   ### MPU 6050 Gyroscope 3D simulation

- The Orientation of the sensor can be viewed in processing software.
- The pitch, roll and yaw can be varied by changing the sensor positions in x,y and z axis.

Internship

- Full Stack Web Development Internship with Shape Ai (2019)
- JavaScript React NextJS NodeJS MongoDB SocketIO Full Stack (Udemy Course)