

RAJ KRISH

APP DEVELOPER

Contact



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Academic Details

- **Bachelor of Engineering (B.E.)**
Computer Engineering
University Of Engineering & Management,
Jaipur

Soft Skills

Analytical | Collaborator | Leader | Adaptable

Technical Skills

- **Programming Languages:**
Java, JavaScript, Python
- **Frameworks:**
React, Spring, Struts, JavaServer Faces
(JSF)

Core Competencies

Agile Methodologies

Software Development Life Cycle

Restful API

Debugging

Containerization

Web Services

Microservice Design

Performance Optimization

System Scalability

Profile Summary

- A full stack developer with high **problem-solving skills** and develops **complex projects**.
- I have proficiency in **IoT Devices** and built projects which can be used by a widespread of people.
- **Developed a highly scalable attendance system** which is used regularly in our college.
- Working professionals **achieved Posture improvement** with help of my **Smart Chair**.
- Identified the visual inaccuracies in the existing college website and **improved** the UI.
- Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.

Academic Projects

SafeRouteGuardian

September 2023

Tools: Python, Html, Css,

- **How is it used?**

The terrible consequences of drunk driving and the need to address this issue in our society served as the impetus for SafeRouteGuardian. A service called SafeRouteGuardian uses a combination of audio and facial recognition technology to assess a person's sobriety. This lets us determine if they are competent to operate a vehicle.

- **Features**

Two steps are available in SafeRouteGuardian to detect sobriety. First, we trained a face test from scratch using a dataset of both sober and intoxicated individuals. Secondly, to determine whether a user is slurring, we examined spectrograms and applied an algorithm known as the Levinshtein distance.

MedTechGLoves

August 2023

Tools: React, Arduino Programming, Spo2

- Innovative MedTech gloves offer a revolutionary approach to healthcare monitoring and emergency assistance. These high-tech gloves integrate cutting-edge sensors to track vital signs and enable seamless communication for those in need.
- Vital Sign Scanning Capabilities such as Body Temperature, Heart Rate by Doctor, Nurse & Family member by online and also alert message .
- The gloves can translate sign language motions into synthesized speech, empowering non-verbal users to communicate effectively

Academic Achievements

- Winner of Esya-23 held by IIIT Delhi in 2023.
- Hackathon Winner
- Writing a Research paper for Slouch Detection System and planning to publish in the later half of this year.

Personal Details

Languages Known: English and Hindi

Address: Jaipur, Rajasthan