

Korla Jahnavi Saravanavalli

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SUMMARY

Looking for a challenging role in a reputable organization to utilize my skills for the growth of the organizations as well as to enhance my knowledge about new and emerging technologies.

TECHNICAL SKILLS

Programming Languages: CORE Java, Python, HTML, CSS, SQL

Frameworks: Spring, JSF

Platforms & Tools: GitHub, Eclipse, Power BI, Jenkins

PROJECTS

Patient Monitoring and Early detection for Comatose and Paralysis disorder

IOT

In order to detect monoplegia and quadriplegia in advance and to take care of the patient, This system is proposed. Keeping track of the health status of paralysis and comatose patient by measuring the Body temperature, Heartbeat levels, SpO2 Blood oxygen levels, and also uncontrollable muscle movements.

Automatic Attendance Tracing Using Image Processing In Python

Image processing and ML

The main aim of the project is to simplify the conventional attendance marking system and to achieve higher accuracy while recognition and identification of faces. This can be achieved by using KNN(k-nearest neighbors) algorithm. The management of the attendance can be a great burden on the teachers if it is done by hand. To reduce these efforts Face reognition attendance is proposed.

Key generation for hill cipher using ADFGVX cipher

Cryptography

Any company must take steps to prevent sensitive and confidential information from being lost or stolen, as the need for efficient data security grows daily. Because of this, data protection is essential. Such a guarantee is attempted to be provided by cryptography, which also guarantees the security of data being transferred. It is used in numerous commonplace applications, including e-commerce, computer password security, ATM card security, military, etc

Jacket for Social Distancing

IOT

This smart social distancing jacket comes with a smart inbuilt alarm to maintain distance in crowded places like malls, offices, schools, colleges. and hospitals for blind people.

EDUCATION

Degree	Specialization	Institute	Year	CGPA
M.Tech	Computer Science & Engineering	KL University	2023-Present	9.38
B.Tech	Electronics & Communication Engineering	Aditya University	2023	8.00
Intermediate	Physics, Chemistry, & Mathematics	G.B.R Junior College	2019	9.53
SSC	-	Z P H Girls High School	2017	9.3

CERTIFICATIONS

- Participated in paper presentations
- C, Arduino, Python - Spoken Tutorial
- Scrum Fundamentals