Hemanth Kumar Rajoli

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CAREER OBJECTIVE

Enthusiastic Computer Science geek with solid knowledge of Java, Python Programming, MERN stack development and Full-stack development. Constantly looking for new challenges, skill-building, and developing a resourceful network.

EXPERIENCE

Full stack developer – Zimtive software technologies(intern)   December 23 2022

Mern stack developer – YesReal Technologies(Intern)   February 9 2022 – August 9 2022

EDUCATION

B.Tech -Madanapalle institute of technology & science – Madanapalle, Chittoor

- Computer science and engineering (2019-2023)   CGPA: 8.8/10.0

Intermediate - SriChaitanya Jr.College – Tirupathi, Chittoor

- Mathematics – Physics – Chemistry (2017-2019)   CGPA: 9.6/10.0

SSC – Balavikas English Medium High School – Kadapa

- School of Secondary Education – X (2017)   CGPA: 9.2/10.0

CERTIFICATIONS

- Complete Web Development Bootcamp
- Nodejs and MongoDB
- Python for Data Science, AI, and Development
- Computer vision
- C for everyone

PROJECTS

Chai-chat https://chai-chat.herokuapp.com

- Have you questioned yourself, how do all these social networks work? I did, and this let me develop chai-chat. This application allows users to search and seek their friends by their names. On accepting the requests, they can communicate virtually.
- NodeJS, mongoose, Js, HTML5, and CSS3 are used to achieve this project.

Virtual-pen

- Let's assume, is it possible to write onto the system's screen? This can be reached partially by a virtual machine. This application focuses on a single color for pointing to the screen. At the same, while active it will draw a dot on the screen. Collecting all points will form a picture.
- Python OpenCV is used to achieve this project.

Smart Attendance

- The main aim of the SMART ATTENDANCE SYSTEM project is to record the Attendance based on Face Recognition. In this project, we are using a systems cam to capture student/employee faces, train those frames, and store them in the database. When a student/employee is trying to authenticate his/her face it must match with the trained data set.

Smart screen monitor(v.1.0.0)

- We are done with controlling of multimedia players physically. This application will allow you to control your multimedia payer by using hand gestures. It supports for multiple hand postures such as forward, backward, pause, play, activate controls and deactivate controls.

Tic-Toc-Toe

- This is not the regular tic-toc-toe with X/O. Instead, nine boxes use set of nine numbers from one to nine. Each number is used only once and sum (diagonal, row or column) must be 15. The opponent of the user is an AI which will defeat you in 99% possibilities.

AREAS OF INTERESTS

- MySQL
- Problem-solving
- Computer Networks

SOFTWARE SKILLS

Programming Languages: Java, NodeJS, C, Python, JS, ReactJs, Spring boot

Frontend Technologies: HTML5, CSS3, JavaScript

Database: MySQL, basics of MongoDB (mongoose drivers)

Editors: vscode, eclipse

OTHER TECHNICAL SKILLS

- Data Structures
- Algorithms

ACADEMIC ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Participated in a quiz and essay writing held at school
- Participated in robotics workshop conducted by MITS on 9th Dec 2021
- Participated in smart India hackathon on 2022

PERSONAL DETAILS

Father's Name   : Rajoli Nagasubbaiah

Date of Birth   : 5th March 2001

Linguistic Proficiency   : Telugu, English

Address   : Siddavatam, Kadapa