Hemanth Kumar Rajoli

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CAREER OBJECTIVE

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

EXPERIENCE

Full stack developer – Zimtive software technologies (Intern)   December 2022 – May 2023

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

- 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.

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 camera 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.

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 colour 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.

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, Node.js, C, Python, JavaScript

Frontend Technologies: HTML5, CSS3, JavaScript

Libraries/packages/ frameworks: Spring boot, microservices, React.js, BootStrap4, express

Tools: git, git desktop, codecommit, docker

Database: MySQL, basics of MongoDB (mongoose drivers)

Editors: vscode, eclipse

OTHER TECHNICAL SKILLS

- Data Structures
- Algorithms

ACADEMIC ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Accomplished leetcode 30 days challenge in May 2023.
- Accomplished leetcode 30 days challenge in April 2023.
- Achieved leetcode 50 days badge on 2022.

PERSONAL DETAILS

Father's Name	: Rajoli Nagasubbaiah
Linguistic Proficiency	: Telugu, English
Location	: Siddavatam, Kadapa, Andhra Pradesh, India