MITHOON N S

Application Developer

https://mithoonns2001.github.io/Mithoonns2001/

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Chennai, India

CAREER OBJECTIVE

To obtain a position in a reputable organization where I can utilize my creativity, problem-solving skills, and strong work ethic to help drive innovation and growth, while also advancing my own professional development.

EDUCATION

JAYA ENGINEERING COLLEGE – B.E in Computer Science (8.6 CGPA)	July 2020 – May 2023
JAYA POLYTECHNIC COLLEGE – Diploma in Computer Science (9.7 CGPA)	July 2017 – June 2020

SKILLS & TOOLS

BACKEND	FRONTEND	TECHNOLOGIES	SOFTWARES
• Python	• HTML	• React	• VS Code
• Java	• CSS	• Flask	• Eclipse
• C language	• JavaScript	• Django	• Jupiter Notebook
• SQL		• Keras	• Blender
		• MongoDB	• Photoshop

PERSONAL PROJECTS

NLP CODE EDITOR • Python, PyQt5, Transformer Algorithm	A desktop application that leverages natural language processing (NLP) and machine learning techniques to generate code and manage file structures. The NLP Code Editor simplifies the coding process by allowing users to input natural language commands or descriptions to generate the corresponding code.
SIGN LANGUAGE RECOGNITION • Python, Jupyter Notebook	A Python application to predict sign language by detecting hand gestures and providing the respective output in the native language. The sign language model is trained using Jupyter Notebook.
VIRTUAL MOUSE GESTURE CONTROL • Python, OpenCV, MediaPipe	A computer vision-based project that allows users to control the cursor on a computer screen using hand gestures. The application uses OpenCV and MediaPipe libraries to track and recognize hand gestures in real-time, allowing users to perform various mouse functions such as clicking, scrolling, and dragging.
RULE BASED CHATBOT • Python, HTML, JavaScript, YML	This is a web-based chatbot that we built for educational purposes to provide details about colleges, departments, and fee structures according to user input.
DECENTRALIZED E-COMMERCE PLATFORM • NextJS, Solidity, MongoDB	A Web3 e-commerce platform built for a hackathon that provides an e-commerce platform for electronic items, assets, gadgets, etc. In this project, we also created a new token using Solidity. I contributed to this project by designing the webpage, creating components using ReactJS, and connecting the database.
CRIME REPORTING SYSTEM • PHP, MySQL	This is an online web portal that allows people to register complaints about incidents through this portal and also displays the number of incidents registered with their locations..

Repositories: https://github.com/Mithoonns2001?tab=repositories

EXTRA & CO-CURRICULAR ACTIVITIES
- Active participant in online coding communities or forums
- Attended coding boot camps or other relevant workshops
- Completed online courses or certifications in relevant technologies or programming languages
- Coordinated a technical symposium in intercollege level
- Volunteered for Umagine 2023

ACHIEVEMENTS
- Finalist in DEVJAMS 2022
- Top 20 in PLI BLOCKATHON 2022
- Finalist in SMART INDIA HACKATHON 2022

Date:
Place: **SIGNATURE**