Sakshi Kumari

📞 (+91) 9631211951   ✉ sakshisingh96312@gmail.com   💼 /in/sakshi-singh-692ba4276

Objective

As a self-motivated B.tech graduate with specialization in AI and cloud computing, my goal is to apply my expertise and continue developing my skills to contribute to a dynamic team. With strong communication skills and a passion for learning, I am confident that I can excel in this field.

Education

- **Bachelor of Technology in Computer Science:**
  United University, Prayagraj, Uttar Pradesh
  2021-till date

- **Higher Secondary Education:**
  Laxmi Narayan Dubey College, Motihari, Bihar
  2019-2021

- **High School:**
  Gyan Niketan Awasiye Vidyalaya, Motihari, Bihar
  High School
  2018-2019

Technical Skills

Programming Languages: Java, Python, HTML, CSS
Database Management: MySQL
Data Structures and Algorithm
DevOps: Git, Docker, Jenkins
Artificial Intelligence: Machine Learning and Deep Learning

Certifications

- **IBM certified Cloud Application Developer**
  - Issuing Authority: IBM
  - Date Obtained: April 12, 2023

- **IBM Certified Introduction To Python**
  - Issuing Authority: IBM
  - Date Obtained: April 12, 2023

- **IBM Certified Introduction To HTML, CSS**
  - Issuing Authority: IBM
  - Date Obtained: April, 2023

- **IBM Certified Java Fundamentals**
  - Issuing Authority: IBM
  - Date Obtained: April 14, 2023

- **AI Certification**
  - Issuing Authority: Expert Session
  - Date Obtained: June 15, 2024

Experience

Intern, Adivid Technology, 1/06/2022 to 1/08/2022, Nashik

- **RESTAURENT WEBSITE-The porch Cafe:-**
  – Developed frontend components using HTML, CSS, and JavaScript to enhance user interface functionality.
  – Implemented a user-friendly interface that includes menu displays, contact information, and interactive features for an engaging user experience.

- **TRADING WEBSITE-Kota Factory:-**
  – Developed a dynamic trading website, inspired by the theme of "Kota Factory," using HTML, CSS, and JavaScript.
  – Implemented features such as real-time stock updates, user authentication, and a streamlined trading interface.

Personal Projects

- **AgroGinni - Agriculture based project**
  –A major project choosen by us to grow interest in agriculture through interventions of technology.
  – Develop well-tested models for application of agricultural research and technology for profitability of farming, and for income generation.
  – This project include different modules like disese detection in plant, soil type testing, check deficiency of minerals for a particular crop and help farmers to overcome all the problems related to agriculture.
  – Tools and technologies used: Python, ML, Vscode, raspberry pi, Jupyter Notebook, Postman.

- **Vehicle Movement on a Map**
  –Designed a web application that displays a vehicle moving on a map using leaflet library. The application should show the vehicle's current location and its path in real-time.
  –Show the vehicle's speed, distance etc. in real-time, updating every few seconds. Draw the route of the vehicle according to date and show the vehicle run on the route on the map.
  –Tools and technologies used: Leaflet, HTML, CSS, Javascript, Node.js, JSON.

- **Inspire Urban- Application**
  – I have Developed and designed the "Inspire Urban" application that aimed at addressing urban challenges faced by city dwellers.
  – Utilized Android Studio to develop the application's frontend, designing interactive user interfaces using XML files. Implemented backend functionalities and Integrated MySQL database to store and manage user data efficiently.
  –Tools and technologies used: Android Studio, Java, MySql

- **StyleSphere-Virtual Wardrobe Experience**
  –Virtual try-on solution bridges the gap between online shopping and traditional retail.
  –It offers users a immersive way to explore clothing options and make confident purchase decisions and helps to reduce return rate.
  –Tools and technologies used: Python, OpenCV, Pycharm, Flask

- **Hand Gesture Controller**
  –This application is used by anyone to control their powerpoint presentation that recognise hand as a gesture and control powerpoint presentation.
  – Implemented computer vision algorithms to capture, process, and analyze hand gestures through a webcam using OpenCV library in Python.
  – Tools and technologies used: Python, OpenCV, Pycharm, Flask

- **Criminal face detection**
  –This applications use advanced facial recognition technology to identify individuals from images comparing theknown criminals and is used for security purpose.
  – Tools and technologies used: Python, Pycharm, os, opencv, face-recognition.

- **JMD Technocrats - Website**
  –JMD Technocrats is a website for software development, while learning HTML, CSS, I created the replica of this website.
  – Tools and technologies used: HTML, CSS, JavaScript

Area Of Interest

Research based projects

Artificial Intelligence And Machine Learning

Software development and Programming

Quality

Leadership

Problem Solving

Time management

AWARDS

- Awarded for Outstanding Hand Gesture Recognition Project.   *2023*
- Certificate of Appreciation for Coordinated Poster Presentation   *2023*
- Certificate of participation in hackathon   *2024*
- Awarded as a Social media head at Prerogative Pointers (Student Chapter)   *2024*