Sakshi Kumari

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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, Javascript
Database Management: MySQL, node.js
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

- **RESTAURANT 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.

Prerogative Pointers(Student chapter), April 2024 - Present

- **Social Media Head**
  – As Social Media Head, I developed and executed strategies to enhance engagement across platforms, created content that increased followers, collaborated on event promotions, and analyzed metrics to optimize campaign performance.

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.
  –Tools and technologies used: Python, OpenCV, Pycharm, Flask

- **Hand Gesture Powerpoint 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.

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*