HASSAN KAIF M

LinkedIn: https://www.linkedin.com/in/hassan-kaif a03028257
Github: https://github.com/Hassankaif
Website: https://portfolio-hassan-kaifs-projects.vercel.app/

Phone no: +91 9363089783
Email: hassan.kaif.jobs@gmail.com

EDUCATION

[2022-2026] Rajalakshmi Institute of Technology, Chennai.

B.E. COMPUTER SCIENCE AND ENGINEERING | **CGPA - 8.7** [Till 5th semester]

[2016-2022] Islamiah Hr. sec. school, vaniyambadi.
Math's, Physics, Chemistry & Computer science Stream | **State Board HSC- 90%**

SKILL SUMMARY

Programming: Python, MySQL, JavaScript.

Frameworks: React js, Node js, Express js, Flask.

Libraries: Scikit-learn, Pandas, TensorFlow, NumPy, Matplotlib, Streamlit, Ether JS.

Tools: Microsoft Office, MySQL, Canva, Flowbite, Postman.

Platforms: GitHub, Jupyter Notebook, Visual Studio Code, Google Colab.

Soft Skills: Teamwork, Communication, Adaptability

Other Skills: Java, C Programming, HTML, CSS, MongoDB, Tailwind CSS, Solidity.

Spoken Languages: English, Tamil, Urdu, Hindi.

PROJECTS

Colocasia Esculenta Leaf Disease Detection
- Developed an **AI-powered Streamlit web app** using **EfficientNetB3** and **ResNet50** for **Colocasia Esculenta** leaf disease detection with image classification.
- Integrated **Transformers-based NLP models (FLAN-T5 & BART) with TensorFlow and PyTorch** to generate and refine treatment recommendations.

Blockchain-Based Fitness Reward System
- Developed a decentralized fitness rewards platform deployed on the Ethereum Sepolia Testnet to incentivize healthy practices.
- Designed and implemented a user-friendly web interface, enabling seamless communication between the blockchain network and a React-based frontend.

Smart Water Management System
- Built a blockchain-powered web application to store water usage data and detect leaks in residential buildings.
- Developed an ML model using LSTM, RNN, and DRNN to forecast individual Apartment water usage and overall building monthly water consumption.

Automated CIS Benchmark Auditing Application

- Developed a web application to audit CIS benchmarks for Ubuntu 22.04 LTS.
- Implemented a user-friendly interface for generating customizable PDF reports to enhance security compliance.

Decentralized Marketplace DApp
- Developed a decentralized application (DApp) for creating, buying, and transferring digital assets securely using Ethereum and IPFS.
- Ensured transparency, security, and ease of use by leveraging Web3 technologies and smart contracts.

MERN Healthcare Management System
- Built a role-based healthcare web app using React (Vite), Node.js, Express, and MongoDB for managing appointments, profiles, prescriptions, and medical reports.
- Implemented JWT authentication, RESTful APIs, and secure file uploads with multer for streamlined patient–doctor interactions.

Note: All Projects Repo's are available in the Github Account.

CERTIFICATES

1. Machine Learning(IBM) .
2. Neural Networks & Deep Learning (SimpliLearn).
3. Master Microsoft Excel (Udemy).
4. Blockchain Foundation (kerala Blockchain Academy).
5. Hyperledger Fabric and Ethereum Fundamentals (kerala Blockchain Academy).
6. English Access MicroScholarship Program (Offered by US Consulate, Chennai): [Sep 2018 to Sep 2020].
7. And Many Other Programming Certificates from various Online E-learning Platforms.

Work Experience

Quibo Technologies | MERN stack Developer | March 2025
- Attended a 30 day Onsite Internship on Mern Stack Application
- Developed a Secure Hospital Management System .

Prompt InfoTech | Data science Intern | August 2024
- Attended a five Day Virtual Internship on Data Science.
- Explored Data cleaning, Preprocessing and Model Building concepts using Python Libraries.