Abdul Samad Ansari

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Education

A. P. Shah Institute of Technology - Bachelors in Engineering (Information Technology) 2023

- 7.64 CGPA Thane

Skills

Expert: HTML, CSS, JavaScript, Bootstrap, React JS, Python
Proficient: MongoDB, ExpressJS, NodeJS, Java, AI/ML/NLP
Beginner: C/C++, SQL, Solidity

Projects

Real-time Attendance Monitoring System github.com/Sam-822/Real-time-Attendance-Monitoring-System

- Collaborated with a 3-member team to successfully design and implement a real-time attendance monitoring system
- Implemented a highly accurate face-recognition feature using a dlib-based library, achieving 99.38% accuracy on the 'labeled faces in the wild' benchmark
- Developed and deployed a secure blockchain network with solidity contracts to ensure the integrity and immutability of attendance records
- Utilized Flask framework to create and integrate a user-friendly web application for streamlined system access and management
- Co-authored and published a research paper in an IEEE journal, highlighting findings and insights from the project

Health Vault – Blockchain-enabled Health Records Management.

- Conceptualized and proposed a streamlined healthcare system aimed at enhancing transparency and control over personal health records
- Collaborated with a three-member team to implement a blockchain-based health records management system for doctors and patients
- Enhanced user experience by integrating an intuitive JavaScript-based frontend into the system
- Implemented a secure login and registration mechanism utilizing MetaMask's wallet and a local ganache blockchain network to ensure robust account generation and management

Fake News Detection github.com/Sam-822/FAKE-NEWS-DETECTION

- Conducted a comprehensive comparison of seven machine and deep learning algorithms in Python to identify the optimal model for detecting fake news
- Achieved a remarkable accuracy of 99.71% on our testing dataset by implementing the LSTM model
- Enhanced usability by developing a user-friendly web application integrated with the system using Flask framework, prioritizing an intuitive user experience

Intrusion Detection System github.com/Sam-822/Intrusion-Detection-System

- Prototyped a virtual circuit using Autodesk Tinkercad to validate the feasibility of the proposed design
- Developed an innovative IoT-enabled smart intrusion detection system using C++, integrating PIR sensor and ESP-32 camera module for enhanced security measures
- Implemented a Telegram bot to facilitate prompt transfer of images or videos upon intrusion detection or user command, optimizing system responsiveness

Additional Courses

NVIDIA - Getting started with Deep Learning Oct 2022
IBM Cognitive Class- Deep Learning Fundamentals Oct 2022
AWS - AWS Academy Graduate - AWS Academy Cloud Foundations Jan 2022