Keshavardhan Appikatla

Email: keshavardhan525gmail.com
Linkedin: https://www.linkedin.com/in/keshavardhan-appikatla-39063322a/ Mobile: +91-9381852917
Github: https://github.com/Applikatla

Education

- **Vellore Institute Of Technology** Vellore,Tamil Nadu, India
  Bachelor of Technology - Computer Science And Engineering; CGPA: 8.34
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms,Database Management Systems,Object Oriented Methodology*
- **Bhashyam Junior College, Guntur** Guntur,Andhra Pradesh, India
  Intermediate - MPC; Percentage : 94.8 *July 2019 - June 2021*
- **Bhashyam High School** Guntur,Andhra Pradesh, India
  SSC GPA : 10 *June 2019*

Skills Summary

- **Languages**: Python, Solidity, Html, CSS, JAVA, JavaScript, ejs, SQL, postgresSQL
- **Frameworks**: Jquery, Bootstrap, Streamlit, ReactJs, NodeJS, ExpressJs
- **Tools**: MySQL, Version control, npm, Visual Studio Code, code sandbox, postman, Hardhat, Truffle, Ganache
- **Platforms**: Linux,Windows
- **Development Platforms**: Alchemy, Thirdweb, Webflow, Aragon
- **Soft Skills**: Leadership, Event Management, Time Management

Projects

- **Fake Signatures Detection**: This work uses the capabilities of Convolutional Neural Networks (CNN) and the VGG16 model to provide a novel method for detecting counterfeit signatures. In light of the growing incidence of signature forging across multiple industries, our research tackles the requirement for a dependable and effective detection system. Our approach starts with preparing signature photos to improve their quality so that the analysis that follows is founded on clean, well-resolved data. Our method's central component is a comparison between these modified images and real signatures utilizing CNN and VGG16, two different algorithms, with some preprocessing techniques like gaussian blur, cropping, edge detection etc Tech:Mechine learning, CNN, image procesing, openCV, computer vision. (Github link)
- **Blockchain Computing (on going)**: Which is a blockchain Based Application where a user can send transactions accross the word, can create a basic DAO, can store there file in blockchain. Tech: Blockchain, hardhat, smart contracts, Ethereum, react, Matamask. (Github link)
- **Hand Tracking In presence of object**: This work is capable of tracing hand land marks in presence of object in our hand, we used google's mediapipe library which is a cross platform machine learning frame work that provides a variety of pre trained models for computer vision to achieve the desired result. Tech: Opencv, computer vision, mediapipe. (Github link)
- **Family trip tracker**: This is a website which we track which countries we have traveled throughout the world and which is is flexible to add users as our family members have use prostgres database for the strong database storage. Tech: HTML, CSS, JS, ejs, express, node, postgres. (Github link)
- **NFT minting Website**: Which is a web3 website we will create our unique NFT and make a smart contract to register under, by using metacommerce we will create a smart contract for the respective NFT with writing smart contract manually, same as opensea, after minting NFTs those NFTs are now open for sale, we will connect our metamask wallet for transfer our assets. Tech: Metamask, Ethereum, Opensea, Metacommerce.

CERTIFICATE

- Complete Machine Learning and Deep Learning in python. (Certificate)
- Image Processing and Computer Vision with python and Opencv using haarcascades. (Certificate)
- Certified AWS Cloud Practitioner. (Certificate)
- Azure Cloud. (Certificate)
- Full stack development with web3. (Certificate)

Achivements

- solved over 200 problems on leetcode, coding ninjas and over 1400+ rating in it
- Achieved an All India Rank of 5k in viteee and Mains 90 percentile

Clubs and chapters

- Core Committee Member in Leo club logistics, Blockchain Community management and technical, IOT management