Siddharth Mishra

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EDUCATION

Inderprastha Engineering College   Ghaziabad, U.P
Bachelor of Technology in Computer Science   *Aug 2019 – July 2023*

Khel Gaon Public School   Prayagraj, U.P
12th in Science   *2018*

EXPERIENCE

Freelance Web-Developer   Sep 2022 – Present
Front-end development
- Creating, optimising, and managing websites using *HTML, CSS, and Angular framework.*
- Developed e-commerce platform for private companies seeking an online presence.
- Writing clean, well-documented front-end code for future development requirements.
- Utilising the Davinci Resolve software to perform minor video clip editing.

PROJECTS

Decentralized File Storage | *Blockchain, IPFS, Solidity, Truffle framework, Metamask, Remix IDE, Git.*
- Tested and deployed a *fully-decentralized*, usable-design-focused storage application.
- Utilised IPFS to store and divide the file into smaller, cryptographically hashed parts to store them securely.
- Successfully developed a Solidity smart contract to store file's hash on the Ethereum blockchain network.
- Used the Ganche suit to test and render the Ethereum blockchain locally with Metamask wallet.
- Used the Truffle framework to deploy and debug a smart contract for browser use.
- Developed a seamless user experience using MUI and used web3 lib to interact with blockchain through https.

Home Price Forecast | *Machine Learning, Python, Python ML lib, Flask, HTML, CSS, Angular, AWS.*
- Successfully launched a website to forecast Home prices using an *AWS EC2 server.*
- Built a machine learning model for the city of Bangalore using the Kaggle home price dataset and Sklearn.
- Built a Flask server to expose end points for different types of requests.
- Made a UI utilising HTML, CSS, Angular to make GET and POST calls.
- Used Pandas to clean data and Nginix as a lightweight web server.
- Matplotlib to visualise data, and sklearn to generate models.

TECHNICAL SKILLS

Languages: Java, C, SQL, Solidity, HTML/CSS
Frameworks: Angular,Truffle, Material-UI
Developer Tools: Git, Visual Studio, IntelliJ, Jupyter Notebook, Remix IDE
Others: Data Structures, Algorithms, Problem Solving, Computer Network, DBMS, Linux

ACHIEVEMENTS

Smart India Hackathon | KISAAN-MITRA android-app
- Represented college in the SIH-22. Developed an android application in a team of 4
- Used Machine Learning platform Tensorflow and Flutter.

LearnWeb3 Assessment | *Certificate NFT*
- Awarded a certificate in form of NFT for successfully clearing an online assessment on Blockchain.

INTERESTS

Chess:National Player, Teaching and Coaching (exp:2.5 yr)
Reading: Reading poems and Indian philosophy