

JAGADEESH PENUPOTHU

Fresher

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SKILLS

Programming Languages – **C++** (control flow, functions, arrays, strings, pointers) | **Python** (control flow, functions, error handling, lists, tuples, sets, dictionaries, strings, arrays, classes and objects, inheritance, encapsulation, polymorphism, abstractions)

Data Structures - **Array** | **Strings** | **Stacks**

Algorithms – **Sorting** (bubble, selection, insertion, merge, quick) | **Searching** (linear, binary)

Web Technologies – **HTML** (document structure, text formatting, lists, images, forms and validation, tables) | **CSS** (selectors, box model, layouts (grid, flex box), typography, colors and backgrounds, transitions and animations, positioning, media queries, responsive design) | **JavaScript** (control flow, functions, DOM manipulation, callbacks, promises, async/await, error handling) | **React JS** (components, JSX, states and props, hooks (useState, useEffect)) | **Tailwind CSS** (utility classes, responsive design, flex box and grid, typography) | **Node JS** (npm, nodemon, http and event module, MVC architecture, web Sockets) | **Express JS** (authentication and authorization, router, middlewares, error handling) | **Mongo DB** (operators, crud) | **Mongoose** (schema and modules, read, update and delete)

Blockchain Development - **Solidity** (control flows, functions, error handling, events, modifiers) | **Hardhat** (testing | deployment) | **Ethers JS** (providers, signers) | **IPFS** | **EVM** | **Meta Mask** | **ERC20** | **ERC721**

Graphic Design – **Figma** | **Photoshop**

Version Control – **Git** | **GitHub**

Tools - **VS code** | **Google colab** | **Jupyter Notebook** | **Remix**

EDUCATION

B. Tech [MECHANICAL]

2020 - Present

Rajiv Gandhi University of Knowledge and Technologies, Nuzvid
CGPA – 7.7

Pre-University Course [Math's, Physics, Chemistry]

2018 - 2020

Rajiv Gandhi University of Knowledge and Technologies, Nuzvid
CGPA – 7.2

SSC [Secondary School Certificate]

2018

SRK.Z.P.P. High School, Ponnamanda
CGPA – 10.0

PROJECTS

E-Commerce Website [React JS | Node JS | Express JS | Mongo BD | HTML | CSS | JavaScript]

- Developed and executed an E-Commerce platform with 5 featuring distinct sections for Men's, Women's, Kids along with dedicated functionality for seamless Add to cart and Login experiences.
- Implemented secure user authentication by storing login credentials in the database, enhancing the platform's security for user login actions.

NFT Marketplace [React JS | Solidity | Hardhat | MetaMask | IPFS | HTML | CSS | JavaScript]

- Developed a web3 based NFT marketplace application leveraging Ethereum blockchain for secure data storage. Integrated Meta Mask for blockchain connectivity and utilized IPFS for decentralized data storage.
- Employed IPFS-generated hash to retrieve data stored on the blockchain, and the frontend part is implemented by React JS and CSS.

Coffee Shop Dapp [Solidity | Hardhat | MetaMask | HTML | CSS | JavaScript]

- A web3 based application, implementing the frontend with HTML, CSS and JavaScript.
- Where user entered data is immutably stored in the Ethereum Blockchain.

CERTIFICATION

C++ Course: Learn the Essentials by Scaler

Full Stack Block Chain Development by iNeuron

Python Basics by perfect eLearning

UI/UX for beginners by Great Learning

DECLARATION

I am hereby declaring that all the information provided above is true to the best of my knowledge and belief.

16-02-2024

P. Jagadeesh