

Aishwarya C S

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A full stack developer eager to learn and use new technologies to build sustainable applications

Experience

Mphasis Limited, Associate Solution Developer, Blockchain Center of Excellence, Bangalore Jul'21-Ongoing

- Worked on development and implementation of new blockchain technologies.
- Participated in creating, testing and documenting new software applications.
- Designed and developed smart contracts in Solidity for multiple projects using Hardhat and Truffle.
- Developed the UI for multiple projects using ReactJS.
- Collaborated with colleagues in multiple POCs to apply blockchain technology into applications.
- Getting trained on Solidity, Hyperledger Fabric, Ethereum development, Web3.0 development, Corda.
- Tools used: Javascript, ReactJS, NodeJS, Solidity, Ethereum, Blockchain concepts, Corda, Java.

Amazon Development Centre (India) Private Limited, TRMS, Bangalore Nov'20-Jul'21

- Transaction Risk Investigator in the Product Authentication Team.
- Interpreted and analyzed the data using statistical techniques and amazon tools to provide reports on customer accounts.
- Independent judgement and problem solving skills were used to authenticate customers based on analysis of data.

Technofly Solutions, Full Stack Web Development Intern, Bangalore Jul-Aug'19

- Contributed to the design of the front and back end of an eCommerce website for the company.
- Tools used: HTML, CSS, Bootstrap, JavaScript, SQL, Eclipse, Apache Tomcat.

Education

2020 – B.E (Information Science Engineering) – VTU

2016 – 12th (PCMCs) – Deeksha PU College – State Board

2014 – 10th (Schooling) –Baldwin Girls' High School – ICSE Board

Computer Skills

Languages: Javascript | ReactJS | NodeJS | Solidity | HTML | CSS | Git | SQL | Web3

Tools: VSCode | Eclipse | IntelliJ | Truffle | Hardhat | Remix | Codepen | Scrimba

Selective Projects

Invoice CorDapp Jul'22

- A three node network CorDapp that takes invoice data as input and creates an invoice asset. This asset can be transferred to another party on the network. Tools used: Corda, Gradle, Java

NFT Marketplace Mar'22-May'22

- Full stack decentralized app that lets users log in through cryptocurrency wallet and mint, list and buy NFTs.
- Tools used: Solidity, ReactJS, Hardhat, Ethers.js, Hardhat local node, IPFS, React Routers, Metamask

NFT Minter Feb'22-Mar'22

- Full stack Dapp that lets users log in through Metamask and mint NFTs on the Rinkeby testnet which is then viewable on OpenSea and other NFT platforms
- Tools used: Solidity, ReactJS, Remix, Moralis, OpenSea API

Soil, Water and Air Quality Monitoring System Sep'19-Mar'20

- Contributed to the development of an IoT based system that monitors the quality of soil, water and air, with an automated watering pump and Telegram to send alerts.
- Tools used: Raspberry Pi board, different sensors, Telegram, ThingSpeak cloud and Python as the programming language.

Art Gallery Website Sep'19-Nov'19

- Designed and developed a website that showcases a virtual art gallery, where users can login and purchase art and the artists can upload their art. Tools used: HTML, CSS and JavaScript.

Image Classifier using IBM Watson Visual Recognition Jul'20

- Designed a mini project using IBM Watson where one can upload and classify images.

Predicting Flight Delays using Microsoft Azure Learning Studio Oct'20

- Trained a model to predict flight delays using airway and weather datasets.

Publications and Certifications

Research Paper Publication – 'An IoT Based System to Monitor Soil, Water and Air Quality for Better Living', International Conference on Recent Trends, ICRCSIT0383. Jun'20

Research Paper Publication – 'Soil, Water and Air Quality Monitoring System using IoT', International Research Journal of Engineering and Technology, Volume 7, Issue 2, February 2020. Feb'20

Free Code Camp certification of Responsive Web Design July'20