Salitha Kaweendra

Software Engineer

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25-04-1995

Location
No 03, Moonamalegama
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Languages & Technologies

- JavaScript
- Java
- PHP
- Python
- MySQL
- HTML/CSS
- ReacJS
- NodeJS
- Solidity
- Web3JS
- Github/Gitlab
- Git
- Linux & Mac
- Hardware installation

I'm a Software Engineer from Kurunegala, Sri Lanka, working in Software Development, and Web Development. I find solutions to complex problems and user requirements in the form of web applications and software. I have over one and half years of experience in software development and web application development and am ready to use my skills to meet the needs of your organization.

Education

University Of Bedfordshire, (SLIIT Academy)

2019 — 2020

Bachelor of Science in Computer Science and Software Engineering
First Class Honours

Sri Lanka Institute Of Information Technology, Sri Lanka

2016 — 2019

Higher Diploma in Information Technology

Experience

Software Engineer

Block-Stars Pvt Ltd

2022 — Present

Working in MERN Stack to develop web applications and use WEB3.js and Solidity to develop web3 projects. I have also contributed to projects in the capacity of Project Manager and QA as needed.
Notable Projects-
* Recently I have worked on 2 projects called "K-Culture" and "NFT Real Estate" which are decentralized NFT market places. I worked on the contracts to bring them up to erc721 and erc1155 standards and also worked minting functions to bring the NFTs to OpenSea.
* Token Generator - This is a web3 project which is used to generate ERC20 tokens with contracts. I worked on the front end and in creating ERC20 contracts.
* StarApple(Metamask Rebranding) - In this project I was resposible for rebranding the Metamask extension to StarApple and changing the default token to polygon with a custom token already added on the top of it.

Web Developer/Assisstant Manager

Sanjayalali Agents - Foreign Employment Agency

2020(December) — 2021(December)

Worked as a web developer. The main task was to develop a web site and manage the social media accounts to bring the organization to masses. I also worked as an assistant manager to manage the day to day operations of the organization and employees.

Intern(Software Engineer)

Sri Lanka Ports Authority, Colombo 01

2020(February) — 2020(August)

Worked as a software engineer intern in Information system department. The main task was to develop a web application for the house hospital to manage the patients, mediacal records, medical history and medical staff.

Skills

- English Proficiency
- Communication
- Team Work
- Adaptability
- Creativity
- Problem Solving

Certifications

SQL Intermediate Certificate - HackerRank
https://www.hackerrank.com/certificates/c7544c6181ca

Problem Solving Advanced Certificate - HackerRank
https://www.hackerrank.com/certificates/64c802759989

JavaScript & Backend with nodeJS - DevTown
https://www.cert.shapeai.tech/verify/1DCbRE

Projects

Token Generator

Role : Developer(Front/Solidity)   Benificiary: Block-Stars Pvt Ltd

The purpose of this project is to provide the user with a platform where they can deploy ERC20 Tokens with a button click without the hassle of writing a contract. This project was associated with Block-stars Pvt Ltd.

Technologies used - Web3.js, React.js, Solidity

Metamask Rebranding

Role : Developer(Research & Development)   Benificiary: Block-Stars Pvt Ltd(StarApple)

In this project, I had to rebrand the very popular Metamask extension. All the logos and "Metamask" references we changed to "StarApple" and starapple logos. Apart from changing logos, I had to set Polygon as the default network instead of ether and on top of the Polygon network, I had to include the client-requested custom token. So that when a user downloads the rebranded Metamask extension, the user does not have to change networks and import a custom token as the extension already comes with it. Extension id available in chrome web store.

Technologies used - JavaScript, Web3.js

OpenSea implementation

Role : Developer(Research & Development)   Benificiary: Block-Stars Pvt

K-Culture was an existing centralised NFT marketplace. The client wanted to make it decentralised and make the NFTS minted in the K-Culture platform also available and visible in OpenSea. This project used 2 smart contracts. ERC721 and ERC1155. Mintings in ERC721 were fixed using an ipfs gateway called "Infura". Using infura, I was able to store NFT metadata in IPFS and use that URI to mint NFTS. In ERC1155 minting I created a new contract and separate back-end to store and fetch NFT metadata as the 1155 standard is used for one-time bulk minting. So as the developer, I had to come up with a solution.

Technologies used - ReactJs, Web3Js, Infura, IPFS, Solidity, NodeJs

FireProtect - Wildfire prevention system based on IoT

Role : Developer(Research & Development)   Type: Academic Project

IoT based wildfire prevention system made by using Arduino and Android for the final year research.
The purpose of this project was to minimize or completely avoid the destruction of a wildfire by notifying it's the location to the authorities. This project achieve this objective by detecting the fire by the arduino device and sending the fire location to firebase. Then fire base send the location to the FireProtect mobile application so that the nearby users can take action before the fire spread.

Technologies: Arduino (C), Android, NodeJs, Google Maps, MapBox, PHP

Arduino: NodeMcu, Arduino Uno, HC 12 Wireless Serial, FC-22 Harmful Gas Detector Sensor

Hospital Management System

Role : Developer   Benificiary: Sri Lanka Ports Authority

Medical Care System created with PHP, SQL, and data encryption for SLPA. The system is to keep records of the patients and their medical history and medications.

Technologies: PHP, MYSQL, Bootstrap.