



LAHIRU TISSERA

SOFTWARE ENGINEER

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PROFILE

Creative Full Stack Web Developer who also has experience in technologies such as Data Science, Machine Learning and Algorithms. I am a quick learner, and I am always eager to explore and adapt to emerging technologies. A highly organized, dedicated Software Engineer with a proven ability to work in a team and complete any given job on time.

WORK EXPERIENCE

- PT. Crypto Canary Network** Nov 2023 - Nov 2024
Fullstack developer
- Beebee Digital PVT LTD** Jan 2023 - Oct 2023
Fullstack developer
- zynergyx Technologies Pvt Ltd** Sep 2021 - Sep 2022
Software Engineer (Intern)

EDUCATION

- BEng (Hons) Software Engineering** 2020 - 2023
Informatics Institute of Technology,
affiliated to University of Westminster, UK
- G. C. E Advanced Level** 2016 - 2018
Physical Science stream
Sri Dharmaloka College, Kelaniya

ACADEMIC PROJECTS

- MoodifyLK - Final Year Project (Individual)**
ReactJS| Flask| PyTorch| Python| Javascript | DL | CNN
 - MoodifyLK is a music classification system that uses deep learning(CNN) to predict and classify Sinhala songs based on emotions.
- Hairthentic - Software Developement Group Project**
OpenCv | Scikit-learn | Python | Flask| React-Native | Colab | AWS
 - Led a team in developing a mobile application that uses machine learning to predict face shape and provide hairstyle suggestions.
- Premier League Web Application**
Angular | Java | Play | Typescript
 - This application allow to show football team ranking.
 - Designed and developed front end using Angular .
 - Created an API using Play Framework to enable seamless communication between the frontend and backend.

ACHIEVEMENTS

- Completed Bachelor's degree.
[View Certificate](#)
- Participated in the hashcode 2021 contest organized by Google.
- Participated in the "Py-Hack" 2021 competition organized by IIT's IEEE
- Selected in IIT Cutting Edge 2021

TECHNICAL SKILLS

Programming Languages & Databases

- Java
- HTML
- CSS/ SASS
- Javascript
- Dart
- Python
- MySQL
- MongoDB
- Typescript

Frameworks/Tools

- ReactJS
- NextJS
- ExpressJS
- React Native
- Flutter
- REST
- OOP
- GIT
- Android
- IOS
- Adobe XD
- Figma

INTERESTS

- FrontEnd Development
- FullStack Development
- Mobile Application Development
- Web Application Development
- UI/UX Designing

INDUSTRIAL PROJECTS

PT. Crypto Canary Network

- Vesta Web & Mobile Application | (Web3 NFT Marketplace Application)

Role: Front-End Developer

Tech Stack: React JS | TypeScript | Tailwind CSS | Ethers.js | React Queries | Web3 | Wagmi | AWS |
React Native

- Vesta is a web3 NFT marketplace
- Implemented features for NFT creation, listing, and trading, along with a comprehensive analytics dashboard

Beebee Digital PVT LTD

- ohhNFT

Role: Front-End Developer

Tech Stack: NextJS | NodJS | Heraku | MySQL | GraphQL | Web3

- ohhNFT is a digital art collection, an art vault, gaming center, marketplace, an NFT hub and so much more. Fueled by a community of builders, creators, developers, entrepreneurs, artists, and innovators.
- Improve UI design components in NextJS project
- Integrated the endpoints in the web front end for seamless functionality.
- Resolved the keplr wallet connecting issue in mobile view

zynergyx Technologies Pvt Ltd

- Emirates Offroaders(Mobile App, Admin Dashboard)

Role: Full-Stack Developer | UI/UX Designer

Tech Stack: Flutter | ReactJs | NodeJS | Firebase

- Emirates Offroaders was founded by a UAE group of passionate off-roaders who believe in building an off-road community to learn, drive and have fun together.
- Created a new mobile UI design and developed mobile app using flutter framework for users and a web app using ReactJS framework for admin.
- Integrated the mobile and web application with firebase (Authentication, Functions, Firestore DB, etc.)
- The mobile app is deployed to Google Play Store and the web app is deployed to Firebase Hosting.

- Signage Fox (Admin, Client)

Role: Full-Stack Developer | UI/UX Designer

Tech Stack: ReactJs | Firebase

- Signage Fox project is a display ad management system.
- The speciality here is managing ads for multiple screens at the right time from a dashboard controlled by an administrator.
- Created a new dashboard UI design and implemented the front end using React JS.
- Signage Fox Admin Dashboard may need to be updated with PWA

- VIP Project (User, Org, Admin)

Role: Front-End Developer

Tech Stack: ReactJs | Scala | Azure DB+Blockchain

- VIP is a blockchain-based platform solution which has the ability to verify digitized data for any purpose.
- Improve UI design theme and some components integration

- Enterprise Admin Dashboard

Role: Front-End Developer | UI/UX Designer

Tech Stack: ReactJs | Scala | MySQL | Azure

- This project is an admin dashboard system built to manage employees.
- Created a new dashboard UI design and implemented the front end using React JS.
- The dashboard needed to be updated with the PWA

REFERENCES

- | | |
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| <ul style="list-style-type: none">• Mr. U.Mahfoos Ahamed<ul style="list-style-type: none">◦ Senior Software Engineer at Orel IT◦ umahfoosahamed@gmail.com◦ +94 77 549 1905 | <ul style="list-style-type: none">• Mr. Ashen Bandara<ul style="list-style-type: none">◦ Executive Pre-Sales and Analytics at hSenid Business Solutions PLC◦ ashen.b@hsenidbiz.com◦ +94 72 224 1312 |
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