



Vithushan Jeyasothy

Senior Software Engineer

About Me

Driven software engineer dedicated to creating user-focused solutions that enhance daily interactions. Seeking opportunities to broaden expertise in both front-end and back-end technologies, fostering collaborative engineering environments while solving complex challenges. Proficiently utilizing React, Next.js, Node, React Native, and TypeScript, with prior experience in Java and Python. Committed to continuous learning and open to adopting new technologies to strengthen expertise.

Skills

Languages

JavaScript ES6+, TypeScript, Java, Python, HTML5, CSS3

Frameworks

React, React Native, Next.js, Express, Spring Boot, Flask, Svelte, Astro

Database

MySQL, MongoDB, Firebase RDB, Firebase Firestore, AWS S3

Design Principles

RESTful APIs, WebSockets, Web workers, JWT, OAuth, ServerLess Functions, GoF Design Patterns, Convolutional Neural Network, Transfer Learning

Others

AWS Lamda, AWS Amplify, NGINX, Elasticsearch, Redux, MobX, MobX-State-Tree, React Query, RevenueCat, Tensorflow, Figma, Git, Agile

Experience

Senior Software Engineer

Mar 2023 - Present

Explori | United Kingdom

- Leading the comprehensive revamp of the 'Explori' web app using React, to increase the conversion rate.
- Implementing standard coding practices, resulting in enhanced code readability, maintainability, and team efficiency.
- Guiding the junior engineers to create a culture of collaboration and knowledge-sharing through active code reviews and code pairing.

Software Engineer

Aug 2020 - Feb 2023

Flatline Agency | Amsterdam, Netherland

- Reduced the job.nl web application load time from 12 seconds to 3 seconds by refactoring and optimizing the codebase fully.
- Successfully retained 2000 active users from traditional channels to a cross-platform mobile application and the user base is actively growing day by day.
- Led a small mobile development team to develop a cross-platform application.
- Developed successful Proof of Work applications and did a technical presentation to clients.
- Helped the UI/UX team by collaborating with them to design the public house visit web app of the Netherland Government using Microsoft fluent design system.
- Communicated with multi-disciplinary teams of software engineers, designers, and product owners daily to design and develop e-commerce products.

Software Engineer Trainee

Sept 2018 – Mar 2019

Trabeya | Colombo, Sri Lanka

- Developed document and excel sheet reader to ease the document works of the bot maintenance team and increased the user experience of the Virtual Concierge project.
- Implemented a Document Reader to search texts and textual images on PDFs using Ingest Attachment Plugin of Elasticsearch.
- Maintained the application by fixing bugs and being on-call during the critical User Acceptance Testing (UAT) period.

Projects

Senior Software Engineer | Explori

Mar 2023 – Sep 2023

Explori - Event Feedback Platform

Contributed to a comprehensive website overhaul project, leading the development of a modernised user interface and innovative features. Spearheaded the creation of custom forms, tables, and data filtration mechanisms, enhancing the overall user experience.

React, MobX, SASS

Software Engineer | Flatline Agency

Aug 2021 – Sep 2022

Job Board

Developed and maintained the job portal web application. Fully optimized the codebase by introducing the best React coding practices such as using custom hooks to avoid repeated functional logic, lazy loading images, memoizing components, and rendering pages on the server side.

React, Next.js, AntD, Redux Toolkit, React Query, AWS Amplify

Software Engineer | Flatline Agency

Aug 2020 – Jul 2021

365 Meditations

Developed 365 Meditations application used by more than 2000 initial active users. The application was launched on Android and iOS platforms with notification, chat, concurrent meditation, and in-app subscription features.

React Native, TypeScript, MobX-State-Tree, Emotion, Moti, Sentry, Firebase, RevenueCat, Android, iOS

Research Student | SLIIT

Mar 2020 – Nov 2020

Plant Disease Detection System

Researched and developed a plant disease detection system using Deep Learning techniques. Trained the custom, ResNet50, and Inception-v3 models to predict plant diseases. Integrated the model in mobile-friendly Tensorflow Lite format with a Flutter app. Lead the 4 members' research team and successfully presented the final solution to the panel.

Python, TensorFlow, Flutter, NumPy, Pandas, Scrapy

Software Engineer Trainee | Trabeya

Sep 2018 – Mar 2019

Virtual Concierge - Lake Nona

Worked with a team of developers and machine learning engineers to develop a Virtual Concierge system for the Lake Nona region. I developed the dashboard user interface, wrote an excel sheet reader, and integrated a profanity checker.

Java, SpringBoot, JSF, Hibernate, Python, MongoDB

Education

BSc (Hons) in Information Technology spec. in Software Engineering

Jun 2016 - Jan 2021

Sri Lanka Institute of Information Technology (SLIIT)

- W GPA: 3.51/4.0
- Second Class Honours Upper Division

Contact

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