Vithushan Jeyasothy
Senior Software Engineer

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Summary

Seasoned senior software engineer passionate about creating user-centric solutions. Eager to expand skills and collaborate in dynamic engineering environments. Skilled in React, Next.js, Node, React Native, and TypeScript, with previous Java and Python experience. Committed to ongoing learning and embracing new technologies. Dedicated to fostering innovation and driving impactful results through continuous improvement and cross-functional teamwork

Skills

Languages

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

Frameworks

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

Database

MySQL, MongoDB, 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

Creative Software | Colombo, Sri Lanka

- Leading comprehensive revamp of Explori web application using React to increase conversion rate.
- Implementing standard coding practices to enhance code readability, maintainability, and team efficiency.
- Guiding junior engineers to foster culture of collaboration and knowledge-sharing through active code reviews and code pairing.

Software Engineer   Aug 2020 - Feb 2023

Flatline Agency | Amsterdam, Netherlands

- Reduced job.nl web application load time from 12 seconds to 3 seconds through codebase refactoring and optimization.
- Retained 2000 active users from traditional channels, transitioning them to a cross-platform mobile application with a growing user base.
- Led a mobile development team to create a cross-platform application.
- Completed successful Proof of Concept applications and conducted technical presentations for clients.
- Collaborated with UI/UX team to design the Netherlands Government's public house visit web application using Microsoft Fluent Design System.
- Communicated with multi-disciplinary teams of software engineers, designers, and product owners to design and develop e-commerce products.

Software Engineer Trainee

Sep 2018 – Mar 2019

Trabeya | Colombo, Sri Lanka

- Developed excel sheet reader to streamline manual work of the bot maintenance team which enhanced user experience of Virtual Concierge project.
- Implemented document reader to search text and textual images on PDFs using Ingest Attachment Plugin of Elasticsearch.
- Maintained application by fixing bugs and being on-call during critical User Acceptance Testing (UAT) period.
- Participated in Scrum and Agile ceremonies to enhance team productivity, ensure timely delivery of projects, and improve overall project management.

Education

Bachelor of Science (Hons) in Information Technology

Jun 2016 - Jan 2021

Sri Lanka Institute of Information Technology (SLIIT)

- Specialization in Software Engineering
- Second Class Honours Upper Division

Projects

Explori - Event Survey Platform

Mar 2023

Senior Software Engineer | Creative Software

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

React, MobX, SASS, Apache ECharts

Job Board

Aug 2022

Software Engineer | Flatline Agency

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

365 Meditaties

Aug 2020

Software Engineer | Flatline Agency

Developed 365 Meditaties 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

Plant Disease Detection System

Mar 2020

Research Undergraduate | SLIIT

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

Virtual Concierge for Lake Nona

Sep 2018

Software Engineer Trainee | Trabeya

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