Vithushan Jeyasothy

S o f t w a r e   E n g i n e e r

I am a seasoned front-end engineer and I have a passion for building things that people love to use in their daily life. I am looking for a good opportunity where I can grow my skills and collaborate on all aspects of engineering through active problem-solving. My main tech stack is React, React Native, Next.js, TypeScript and Redux.

Contact

- **Colombo, Sri Lanka**
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- **www.linkedin.com/in/vithujey**

Education

Jun 2016 - Jan 2021
BSc (Hons) in Information Technology spec. in Software Engineering
Sri Lanka Institute of Information Technology (SLIIT)
- WGPA: 3.51/4.0
- In dean's honours list
- Scholarship awardee

Projects

Plant Disease Detection System
- Researched and developed a plant disease detection system using Deep Learning techniques.
- Trained 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.

StockSelector
- Created an omnichannel dashboard to manage products and orders from Shopify and BOL e-commerce platforms.

Skills

Languages/Frameworks
JavaScript ES6+, TypeScript, React, React Native, Next.js, Node, Express, Java, Python, Spring Boot, JSF, Hibernate, Flask, Svelte, Astro, HTML5, CSS3

C++, PHP, Java SE, JavaFX

Design Principles
RESTful APIs, WebSockets, MicroFrontends, JWT, OAuth, React Hooks, ServerLess Functions, Clean Code Practices, Design Thinking

GoF Design Patterns, Convolutional Neural Network, Transfer Learning

Others
MySQL, MongoDB, Firebase RDB, Firebase Firestore, NGINX, AWS S3, AWS Lamda, AWS Amplify, Tensorflow, Elasticsearch, Redux, MobX-State-Tree, React Query, Emotion, Moti, JSON, RevenueCat, Sentry, Figma, Git, Agile

Experience

Aug 2020 - Present
Flatline Agency | Amsterdam, Netherland

Frontend Software Engineer
- Developed and maintained a job portal web app using React, Next.js, Redux Toolkit, React Query, and AWS Amplify. Reduced the app load time from 10 seconds to 3 seconds by refactoring and optimizing the codebase.
- Developed 365 Meditaties app used by more than 2000 active users. Built using React Native, TypeScript, MobX-State-Tree, Emotion, Moti, Firebase, and RevenueCat. The app launched on Android and iOS platforms with notification, chat, concurrent meditation, and in-app subscription features.
- Collaborated with the UI/UX team 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 products.

Sept 2018 – Mar 2019
Trabeya | Colombo, Sri Lanka

Software Engineer Trainee
- Worked with the team of developers and ML 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 using Java, SpringBoot, Python, and MongoDB.
- Implemented a Document Ingester to search PDFs and textual images using Ingest Attachment Plugin of Elasticsearch.