

Vithushan Jeyasothy

SOFTWARE ENGINEER

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About Me

My fascination with computers, computer games, and the evolution of the Internet inspired me to learn software engineering. Now I am developing web and mobile applications using React, React Native, Node, and Next.js. Expecting to explore new horizons through active problem-solving.

Skills

Language	JavaScript ES6+ · TypeScript · Java · Python
Web	React · Next · Node · Express · Flask · HTML5 · CSS3 · JSON
Mobile	React Native
Database	SQL · MongoDB
Design	Figma
Other	AWS Amplify · GIT · Agile

Education

Sri Lanka Institute of Information Technology (SLIIT)

Malabe, Sri Lanka

B.Sc. SPECIAL (HONS) IN INFORMATION TECHNOLOGY SPECIALIZING IN SOFTWARE ENGINEERING

Jun, 2016 - Feb, 2021

- Weighted GPA: 3.51/4.0
- Accepted into dean's honours list and got scholarship for best performance

Experience

Flatline Agency

Amsterdam, Netherland

SOFTWARE ENGINEER

Aug, 2020 - Present

- Implemented a product and order management dashboard by integrating Amazon, Bol, and Shopify e-commerce platforms using Next.js and Amazon Amplify.
- Developed and shipped 365 Meditations app using React Native, TypeScript, MobX-State-Tree, Emotion, Moti, and Sentry with features like chat, live meditation, and an on-demand audio player. Integrated RevenueCat to enable online subscription and Firebase to provide notification, and dynamic links.
- Developed and maintained the code for a job portal web app primarily using React, Next.js, and Redux Toolkit.
- 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 clients daily to develop the product.

Trabeya

Colombo, Sri Lanka

SOFTWARE ENGINEER TRAINEE

Sep, 2018 - Mar, 2019

- Worked with the team of developers and ML engineers to develop a Virtual Concierge system for the Lake Nona region. I developed the bot and admin dashboard 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.

Project

Plant Disease Detection System

PYTHON, TENSORFLOW, CONVOLUTIONAL NEURAL NETWORK

- Researched, designed and developed a plant disease detection system using Deep Learning techniques.
- Trained a custom, ResNet50 and Inception-v3 models to predict the plant diseases.
- Integrated the model in mobile-friendly Tensorflow Lite format with Flutter application.