Vithushan Jeyasothy

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SUMMARY

Experienced software engineer passionate about 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, SCSS
- **Frameworks:** React, React Native, Next.js, Node, Express, Spring Boot, JSF, Hibernate, Flask, Svelte, Astro
- **Databases:** MySQL, MongoDB, Firebase Firestore, AWS S3
- **Design Principles:** RESTful APIs, WebSockets, MicroFrontends, Web workers, JWT, OAuth, React Hooks, ServerLess Functions, Clean Code Practices, Design Thinking, Testing, React Optimization
- **Tools:** AWS Lamda, AWS Amplify, Docker, NGINX, Elasticsearch, Redux, MobX-State-Tree, MobX, React Query, Emotion, Jest, Moti (Reanimated3), Tensorflow, RevenueCat, Sentry, Figma, Git, Agile

EXPERIENCE

Senior Software Engineer   Mar 2023 - Present
Creative Software   *Colombo, Sri Lanka*
- 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   Sep 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.
- Worked regularly with UI/UX designers, developers, and ML engineers to improve product accessibility.

EDUCATION

Bachelor of Science (Hons) in Information Technology   Jun 2016 - Jan 2021
Sri Lanka Institute of Information Technology (SLIIT)   *Malabe, Sri Lanka*
- Specialization in Software Engineering
- Second Class Honours Upper Division

PROJECTS

Explori - Event Feedback Platform   Mar 2023
- 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 by optimizing the existing React codebase.

Job Board   Aug 2022
- Developed and continually maintained a sophisticated job portal web application, ensuring its seamless functionality, reliability, and user satisfaction over time.
- 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 from the server side.

StockSelector   Sep 2021
- Created an omnichannel dashboard to manage products and orders from Shopify and BOL e-commerce platforms.
- Integrated Application Programming Interface (API) of multiple channels into a single application including different e-commerce procurement procedures.

365 Meditaties   Aug 2020
- Developed 365 Meditaties application used by more than 2000 initial active users.
- Launched as a cross platform mobile application on Android and iOS platforms with notification, chat, concurrent meditation, and in-app subscription features.

Plant Disease Detection System Using Convolutional Neural Network   Mar 2020
- Led the 4 members' research team and successfully presented the final solution to the research review panel.
- 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.

Plant Disease Detection System Using Convolutional Neural Network   Sep 2018
- 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.

REFERENCES

References available upon request.