SHARMILA SITHRAVELAYUTHAM

SOFTWARE ENGINEER

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PROFILE

Results-driven **Front-End Developer** with **5+ years** of experience in designing, developing, and maintaining user-friendly, responsive web applications using **Angular, React, Next.js, and, Node.js,** while ensuring cross-browser compatibility and performance optimization. Quick to learn and adapt to new technologies, I am eager to contribute to a dynamic tech environment and continuously enhance my skills as a developer. Based in Sri Lanka and Open to relocation and eligible for work pass sponsorship in Singapore. Actively seeking on-site roles with relocation support.

WORK EXPERIENCE

REMOTE

Freelance Software Engineer   📅 Present

- Delivered 5+ fully responsive websites and web apps for international clients using **React.js, Tailwind CSS, and TypeScript,** resulting in a 95% client satisfaction rate.
- Built reusable components and managed application state using **Redux and Context API,** improving development speed.
- Implemented **mobile-first designs**, improving user retention on mobile devices by over 30%.
- Deployed apps using **Netlify** and maintained code using **Git and GitHub**.
- Participate in software system testing and validation procedures, programming, and documentation.
- Collaborated directly with clients [France , Australia] to, define project scopes, and prepare realistic timelines.
- Ensured optimal performance, cross-browser compatibility, and **SEO best practices** across all deliverables.
- Enhanced UI performance by 60% through proactive identification of rendering bottlenecks and the strategic use of React Hooks and Context API for efficient state management.

HCL TECHNOLOGIES LANKA

Senior Software Engineer   📅 April 2022 – Feb 2024

- Developed and maintained reusable **Angular** components, improving development efficiency by 30%.
- Applied advanced **design patterns** such as Facade, Singleton, and Strategy to streamline state management and inter-component communication in Angular.
- Designed and implemented **Micro Frontend Architecture** using Angular Module Federation, enabling domain isolation, parallel delivery pipelines, and reduced time-to-market.
- Provided technical mentorship and guidance to junior developers, ensuring adherence to coding standards and best practices.
- Introduced **NX Monorepo** architecture for unified development and dependency management across micro apps, improving CI/CD workflow efficiency.
- Reduced the website's bounce rate by 30% through **performance** tuning and end-user latency optimization.

Digiratina | Axiata Digital Labs (Outsourcing)

Software Engineer   📅 August 2020 – January 2022

- Developed and maintained **Genie – Financial Super App** using **Angular,** ensuring optimal performance and scalability.
- Ensured that the feature/code is understandable by peers and all code readers + well documented.
- **Contributed UI Modernization Initiative**, replacing legacy jQuery-based interfaces with a responsive Angular 17 framework, improving mobile usability and accessibility (WCAG 2.1 compliant).
- **Boosted Application Performance** by 45% by implementing lazy loading, code splitting, and optimizing critical rendering paths using Lighthouse audits.
- Created **Reusable UI Libraries** for Genie.lk's common components, reducing code duplication and frontend bug rates by 60% and Provided support for Jira tickets and production issues.
- Mentored junior developers on **React.js and Angular,** helping them upskill.
- Actively participated in **Agile/Scrum meetings** and practices to drive iterative development and project success.

RN SOLUTIONS (PVT) LTD

Web Developer / UI & UX Designer

📅 *June 2019 - August 2020*

- Designed, developed, and maintained responsive websites and web applications using modern front-end technologies such as **HTML5, CSS3, JavaScript**, and frameworks like **Angular**.
- Collaborated with cross-functional teams including designers, backend developers, and product managers to deliver user-centric digital solutions.
- Optimized application performance by implementing best practices in front-end development, reducing page load times and improving SEO rankings.
- Customized applications per product requirements, and improved legacy code by 20%.
- Collaborated with designers and back-end developers for end-to-end delivery.
- Implemented version control using Git and managed code repositories with GitHub for streamlined collaboration and CI/CD pipelines.

EDUCATION

B.Sc. (IT) Hons - First Class

Cardiff Metropolitan University - ICBT CAMPUS - Sri Lanka

📅 *2022 – 2024*

Higher National Diploma in Information Technology

Advanced Technological Institute of Jaffna

📅 *2014 – 2018*

SKILLS

- **Front-End Development:** HTML, CSS, JavaScript, TypeScript, jQuery, Bootstrap, Material, Tailwind CSS, SASS, LESS
- **Frameworks & Libraries:** React.js, Angular, Vue.js, Next.js
- **Back-End Development**: Node.js, Express.js, ASP.NET
- **Databases:** MySQL, PostgreSQL
- **Development Tools**: Visual Studio, IntelliJ IDEA, Visual Studio Code, Docker
- **Version Control:** Git, GitHub, Bitbucket
- **CI/CD:** Jenkins, GitHub Actions, Azure DevOps
- **State Management:** NgRx, Redux, RxJS
- **Testing:** Jasmine, Karma
- **Design Tools:** Figma, Sketch
- **API Integration:** REST APIs, GraphQL

CERTIFICATIONS

Meta Front-End Developer Certificate (In Progress)

Coursera (Meta) – 2025

JavaScript Algorithms & Data Structures

freeCodeCamp – 2025

REFERENCE

Ruchira Devinda

Position: HR

Company: HCL Technologies Lanka

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Isham Lafir

Position: HR

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