

Sahan Weerakoon | Software Engineer

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Professional Profile

I am a self-taught software engineer who is a highly enthusiastic learner and a strong team player who can quickly learn and apply new technologies. I am always happy to take on a challenge.

Education

- **Diploma In ICT at IDM campus Panadura** (January 2017 to November 2017)
- Currently pursuing an Executive Masters in Strategic Management course in Cambridge College of Business and Management

Technologies Confident With

Front end

- **React**
- Vue JS
- Next JS
- Angular

Backend

- **Node JS**
- Nest JS
- .NET
- Laravel
- Mongo DB, My SQL, Couch DB

Other

- **GIT**
- Figma
- Azure
- AWS
- Agile

Professional Experience

Software Engineer – Dynamic Capabilities

February 2025 to Present

- **software engineer (React, .NET (C#))**
 - Built a reusable, highly configurable React stepper component with active-step tracking to streamline multi-stage workflows.
 - Collaborate closely with UI/UX designers and backend engineers to translate requirements into functional features.
 - Implemented complex internal flow visualizations using the React Flow library for dynamic system mapping.
 - Transitioned to a full-stack role on a .NET application, initially leading the frontend and collaborating with backend engineering to define API endpoints and form actions.
 - Independently learned .NET and assumed backend responsibilities when resources were limited, delivering production-ready features without delays.
 - Designed and implemented CRUD APIs and migrated legacy jQuery AJAX calls to efficient server-side form actions, improving application performance and maintainability.
 - Ensure consistent code quality through reviews and adherence to development standards.
 - Proactively improved communication skills, contributing to a transparent and smooth working environment.

- Participate in project planning, discussions, and sprint reviews to align development efforts with business goals.
- Consistently delivered projects on schedule while contributing to a positive, collaborative team culture.

Senior Software Engineer – Vitalfew

February 2024 to February 2025

- **Senior software engineer (React, Nodejs)**

- Initiated a Next.js project for Super Admin, using Redux Toolkit and Next UI as the frontend framework.
- Handled project authorization via middleware in Next.js.
- Connected to WebSocket from frontend to display real-time notifications.
- Integrated AWS SES for user authentication emails.
- Mentored interns in coding best practices and company standards.
- Improved attention to detail in project execution.
- Developed backend endpoints with Nest.js and supported frontend engineers in resolving issues.
- Collaborated with UI/UX designers and backend engineers for a robust frontend implementation.
- Introduced and applied SOLID principles to maintain high-quality code.
- Created reusable Next UI components with shared styles to reduce coding time and file size.
- Implemented relationship modeling in Neo4j to connect job applicants, posts, and comments, building the solution with NestJs and Nextjs.
- Resolved all SonarQube issues, achieving zero errors.
- Integrated ESLint and Prettier into the build process for a clean local build.
- Guided junior developers in maintaining SonarQube standards.
- Refactored the initial project by implementing SOLID principles.

Software Engineer – Assette Software (Pvt) Ltd.

August 2021 to December 2023

- **Software Engineer (Vue JS, FIGMA, .NET, Azure)**

- Implement server-side rendering to data tables.
- Convert FIGMA design to re-usable Vue JS components.
- Manage crud operations with .NET.
- Create auto-translatable customizable widgets built with Vue JS components and Azure translator.
- Export table data in PDF/Excel formats using Vue JS.
- Create back-end API endpoints.
- Debug and fix issues.
- Deploy tasks using Azure DevOps.
- Apply SOLID principles on reusable Vue JS components.
- Perform in a fast-paced delivery process.
- Parallel work on multiple projects.

- **Front End Engineer**

- User-friendly and customizable graphical representation of user data by ensuring brand consistency.
- Generic reusable Vue JS chart components built with Highcharts and AMcharts libraries.
- Follow up with the UI design done in FIGMA.
- Write clean, readable, and well-organized code.

- Collaborate with back-end developers and manipulate the data associated with APIs.
- Ease back-end developers with proper restructuring of payloads.
- Generate web components to use the customizable graphically represented user data throughout the project.
- Stand up to date with Vue JS technologies.
- Debug and fix issues.

Software Engineer – Smoking Dots (Pvt) Ltd.

August 2019 to August 2021

- **Software Engineer**

- Handled foreign clients directly to develop end-to-end features.
- Researching and implementing new technology stacks.
- Communicate with the UI Designer and work with QA engineers.
- Design database architectures.
- Researching and improving a team of interns for the company standard.
- Perform in a fast-paced delivery process.
- Generate mobile applications for minor products.
- Handle coding logic and help co-workers on writing clean code.

Associate Software Engineer – Smoking Dots (Pvt) Ltd.

September 2018 to August 2019

Web Developer – EQ Solutions (Pvt) Ltd.

April 2018 to September 2018

Portfolio

<https://github.com/SahanNimeshWeerakoon>

Non-Related Referees

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