Sithija Shehara

Senior Software Engineer

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SUMMARY

Senior Software Engineer with over 3 years of experience in the **MERN stack**, specializing in developing scalable web applications and enterprise platforms. Skilled in React, Node.js, Next.js, TypeScript, and Firebase, with a focus on building high-performance, user-centric solutions.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL
Frontend: React, Next.js, Redux, Tailwind CSS, SCSS, Shadcn UI, Lucide-React
Backend/Databases: Node.js, Express.js, Firebase, REST APIs, MongoDB, MySQL
Tools: Git, Docker, Firebase CLI, Azure
Testing: Jest, Playwright

EXPERIENCE

Senior Software Engineer   May 2023 - present
Aventude   *Colombo, Sri Lanka*
- Built reusable React UI components, improving scalability and customization.
- Developed a rich text editor with Lexical framework and analytics dashboards.
- Optimized data fetching and rendering, cutting load times significantly.
- Mentored junior developers on React/Redux, boosting team productivity.

Software Engineer   Mar 2022 – May 2023
Aventude   *Colombo, Sri Lanka*
- Enhanced a low-code platform with React/TypeScript, improving usability and adoption.
- Contributed as a full-stack developer on a legal case management solution.
- Improved performance by profiling APIs and front-end rendering.
- Migrated large codebase to functional React components with hooks.

PROJECTS

Survey Management Platform | *React, TypeScript, Redux, SCSS*   2022 - present
- Rebuilt a legacy survey system, improving scalability and maintainability.
- Developed analytics dashboards with role-based access control.
- Optimized performance, reducing page load times and improving responsiveness.

AI-Powered Developer Study Tool | *React, Node.js, Google Gemini API*   2025 – present
- Created AI tool to summarize PDFs/images with Google Gemini API.
- Added interactive Q&A, study guides, and quizzes from content.
- Designed responsive React/Tailwind UI for seamless usage.

Legal Case Management System | *React, Node.js, Express, MongoDB, Firebase* 2023 – 2024
- Developed system for law firms to manage cases, staff, and clients.
- Built CSV/Excel upload + parsing with real-time updates.
- Enabled secure email-based authentication and Excel export features.

AI-Enhanced Mobile Journal App | *React Native Expo, OpenAI, Clerk, headless CMS* 2025 – present
- Created a mobile app that combines journaling with AI-powered insights..
- Added features for personal reflection and AI interaction.
- Focused on simple design and an easy-to-use experience.

EDUCATION

University of Moratuwa   Moratuwa, Sri Lanka
BSc in Information Technology and Management   *2017 - 2021*

CERTIFICATIONS

React: Using TypeScript - LinkedIn Learning (Jul 2022)
Software Architecture: From Developer to Architect - LinkedIn Learning (Aug 2022)
React: Design Patterns - LinkedIn Learning (Aug 2022)

REFERENCES

Chanuka Ruhunage
Technical Lead, Aventude Pvt. Ltd
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Sarada Guruge
Software Engineer, Visa Worldwide Pte Limited
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