

ISURU MADUSANKA

Software Engineer

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📍 No.154, Southern Cort, Manavila, Valahanduwa, Galle

SUMMARY

Results-driven Software Engineer with experience in building scalable and user-focused web applications. Passionate about solving real-world problems through clean, efficient code and collaborative teamwork. Currently exploring new opportunities to grow and make a meaningful impact in a dynamic tech environment.

WORK EXPERIENCE

Software Engineer, Tecsoa LLC USA Jul 2025 - Present

- Drive production updates and develop new modules for LMP, a Jobber-integrated platform built with Next.js, Node.js, and MongoDB, including its React Native scheduling app.
- Build and maintain HomeKuk, a mobile application using React Native and Expo.
- Lead development of LineHaul, a full-stack Next.js application for truck-driver management, handling dispatching, route tracking, and admin workflows.
- Manage end-to-end production environments across all company products: deployments on Vercel, database migrations, CI/CD pipelines, version control, and release management.
- Design application architecture, write technical documentation, and ensure scalable, maintainable codebases.
- Collaborate closely with cross-functional teams to plan features, implement best practices, and deliver reliable, high-performance solutions.

Associate Software Engineer, Tecsoa LLC USA Jul 2024 - Jul 2025

- Developed and maintained core applications, including:
 - LMP (Loch Monster Plumbing) – Actively expanding, maintaining, and adding new features to this Jobber-integrated platform using Next.js, Node.js, MongoDB, GraphQL, Jobber API, and Tailwind CSS.
 - LWL (Life Without Laundry) – Responsible for ongoing maintenance and updates using React, Node.js, MongoDB, Material-UI, and Google Route Optimization.
 - TINT – Rebuilt and enhanced this startup collaboration marketplace by migrating from Material-UI to React-Bootstrap, with new feature development and continued support using React, Node.js, and MongoDB.
 - cv2resume – Created a Next.js app to convert CVs into US-ready resumes.
- Contributed to code reviews, QA testing, architecture design, and streamlined workflows using Notion to support efficient project delivery.

Intern Software Engineer , CreativeHub Global Jan 2024 - Jul 2024

- Worked on major projects such as Datapal, Toastmasters, Saneck-Safety, and Serendib Hotels, contributing to both frontend and backend development.
- Built responsive UIs using React, Next.js, and Tailwind CSS, ensuring seamless user experiences.
- Developed and integrated APIs with Node.js, Strapi, and MongoDB/MySQL, enabling robust data flow and performance.
- Collaborated in agile teams, participated in daily stand-ups, sprint planning, and code reviews, delivering features on time and up to industry standards.

EDUCATION

BSc. Special (Hons) in Information Technology

Jun 2021 - Jul 2025

Sri Lanka Institute of Information Technology

- Specialization in Software Engineering (Second Class 3.3 CGPA)

Pearson Diploma in Information Technology and English

Sep 2017 - Sep 2018

ESOFT Metro Campus, Galle

G.C.E. Advanced Level – Commerce Stream (Index No: 5854890)

Aug 2017

Mahinda College, Galle

ADDITIONAL INFORMATION

- **Skills:** Programming Languages (Java, JavaScript, PHP), Frontend Frameworks (React, Next.js), Backend Frameworks (Express.js, Spring Boot), Package Managers (Node.js), Databases (MongoDB, MySQL), CMS (Strapi), Styling Frameworks (Tailwind CSS, Bootstrap), Mobile Applications (Kotlin, React Native)
 - **Languages:** English, Sinhala
 - **Interests:** CI/CD, Machine Learning, Deep Learning, Artificial Intelligence
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PROJECTS

- **SkillSprint** – Microservices-based educational platform using Spring Boot (backend) and React with Tailwind CSS (frontend); deployed with Docker and Kubernetes.
 - **AstroNexus** – NASA API explorer web app built with React, Node.js, and MongoDB, offering Mars and space imagery data.
 - **Travelly** – MERN stack travel management system with features like vehicle/train bookings, tour/event packages, and responsive UI.
 - **EyeZen** – Full-stack MERN eyecare web app delivering health tools and resources with a user-friendly React interface.
 - **EyeZenMobile** – Cross-platform eyecare mobile app built with React Native and Expo for accessible vision support.
 - **IEMS** – Intelligent campus monitoring system for research project using React, Spring Boot, Flask, and Python for eco-urban data insights.
 - **Focus-Machinery** – Customer care ticketing system frontend built with React and Tailwind CSS for streamlined support.
 - **Kandy Cookery** – Responsive restaurant website developed with React and Tailwind CSS for an engaging customer experience.
 - **Currency Converter & Transfer Manager** – React, Tailwind CSS, Ant Design frontend with Node.js/Express backend and MongoDB Atlas.
 - **Star Wars Movie Details App** – Built with Next.js, Tailwind CSS, and Strapi, this app delivers detailed information on Star Wars movies via a clean, responsive interface.
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REFERENCES

- **Mr. Ajithshanth M**
 - Senior Software Engineer - Intrepid Travel
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- **Mr. G.K.I Madusanka**
 - Software Engineer – Circles
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