ISURU MADUSANKA

Software Engineer

📞 0771886641   ✉ isurusanka98@gmail.com   in Isuru Madusanka   🌐 Portfolio   ⌕ IsuruX98

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

SUMMARY

BSc (Hons) Software Engineering undergraduate and current Associate Software Engineer, passionate about building impactful solutions. Eager to take the next step as a Software Engineer and continue growing within a dynamic and collaborative team environment

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WORK EXPERIENCE

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.

Associate Software Engineer, Tecsota LLC USA   Jul 2024 - Present

- 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.

EDUCATION

BSc. Special (Hons) in Information Technology   Jun 2021 - Present
Sri Lanka Institute of Information Technology
- Specialization in Software Engineering (CGPA: 3.5)

Pearson Diploma in Information Technology   Sep 2017 - Sep 2018
ESOFT Metro Campus, Galle

Pearson Diploma in 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.
- **Travely –** 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.
- **GoTicket-Mobile –** Mobile bus ticketing system with React Native frontend and Spring Boot backend for route and booking management.
- **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.

REFERENCES

- **Mr. Ajithshanth M -** Senior Software Engineer – Intrepid Travel
  - ajithshanth.m@gmail.com
  - +94 776 068 942
- **Ms. J.A.S. Jayawarna** - Software Engineer – CreativeHub Global
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