



ISURU SANDARUWAN

FRONTEND WEB DEVELOPER

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PROFILE

Passionate and skilled front-end web developer with expertise in React.js, Express, and MongoDB. Committed to crafting clean, efficient code, adept at building responsive, user-friendly interfaces, and continually seeking opportunities to enhance my skills and contribute to impactful projects.

EDUCATION

2017 - 2021

**BACHELOR OF ENGINEERING
TECHNOLOGY**

University Of Ruhuna

CERTIFICATION

2023.Aug - 2024.Jan

**PLC & ROBOTICS
PROGRAMMING**

SLIR Institute

SKILLS

- Html 5
- CSS 3
- JavaScript
- React JS
- Node JS
- MongoDB
- Expres
- Rest API

PERSONALITY

- Service-focused
- Decision maker
- Leadership
- Good manner

EXTRA CURRICULAR

- Worked as a volunteer in Sri Lanka University Games (slug, 2019)
- Member of a university Karate team (2018)
- Worked as a demonstrator for the Ruhuna invention and innovation exhibition (2017)

WORK EXPERIENCE

Production & Maintenance Engineer

Dravima Lanka (pvt) Ltd

11/2021 - 05/2024

- Work as a shift Leader – Supervising the manufacturing processes, ensuring quality work is done in a safe.

Reference – Mr. Sajitha Lakmal (Production Manager) – 071 258 6001

PROJECTS

Student Grading App

- Developed a web application to display student results and provide detailed information for each student using RESTful API.
- Implemented full CRUD operations, enabling the addition, updating, and deletion of student profiles.
- Technologies: React, MongoDB, Express

Portfolio Website

- A responsive portfolio website featuring CSS animations to showcase personal projects and skills.
- Technologies: React, CSS
- Link- [Isurusandaruan \(sandaruanisuru.github.io\)](https://Isurusandaruan.github.io)

Movie App

- A movie application that allows users to search for movies, and display posters from REST API.
- Enabled users to add and remove movies from a personal favorites list.
- Technologies: React, CSS, REST API

Commercial App (Frontend Project)

- A web application for a Spectacles store with a slider banner and CSS animations that display each product using React Router.
- Includes features to filter by price and add items to the cart.
- Technologies – React, CSS

Gas pipeline leak inspection robot

(MAY 2020 – MAY 2021)

Designed and developed a robotic module capable of climbing. pipelinesThe robot identifies leak locations and transmits real-time data to a Ubidots dashboard.

- Robotic Design: Engineered a robotic module using SolidWorks to stabilize and climb along pipeline surfaces.
- Leak Detection: Integrated sensors to identify and locate gas leaks along the pipeline using ESP32.
- Real-Time Monitoring: Implemented continuous data monitoring using the Ubidots IoT platform for immediate leak detection alerts.
- Technologies- Arduino, SolidWorks, Ubidots.