

Indura Upasith Perera

Software Engineer
(intern)



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🌐 [Portfolio](#)

🐙 [Github](#)

🌐 [LinkedIn](#)

📍 [Kiribathgoda, Sri Lanka](#)

Profile

I'm a Full Stack Developer and DevOps enthusiast passionate about building sustainable technology solutions. I thrive in fast-paced environments and enjoy learning and growing quickly. I'm dedicated to collaboration, sharing knowledge, and helping others in their tech journeys. My goal is to use innovative technology to create a more sustainable and inclusive world.

Education

- **B.Sc. (Hons) in Information Systems (Reading)** 2022-Present
Sabaragamuwa University of Sri Lanka - CGPA 3.2
- **GCE Advanced Level Physical Science Stream** 2020
Asoka College Colombo - 10

Projects

- **NourishNet** LinkedIn [Repo](#)
NourishNet is a food waste reduction platform connecting donors and recipients. Donors post surplus food with details like images and expiration dates, while recipients browse and apply. Notifications keep both parties informed throughout the process, ensuring transparency and coordination from application to final confirmation of receipt.
Technologies: React (TypeScript), Redux, Bootstrap, ASP.NET, MySQL, JWT Authentication
- **Workiez** LinkedIn [Repo](#)
Workiez is a platform connecting users and workers for job tasks. Users post jobs, and workers apply by submitting applications. Users select a worker, and both receive notifications throughout the process. Once the job is completed, the user confirms, ensuring clear communication from application to completion.
Technologies: Angular, Bootstrap, SpringBoot, PostgreSQL, JWT Authentication
- **ClothinX** Frontend [Backend](#)
ClothinX is an e-commerce platform for men's clothing, offering items like trousers, shirts, and sportswear. Users can register, browse products, add items to their cart, and complete purchases through Stripe payment. The platform provides filters for size, item type, and color, ensuring a personalized shopping experience.
Technologies: React (JavaScript), Express JS, Node JS, MongoDB, JWT Authentication
- **UnityBridge (Group)** [Repo](#)
Unity Bridge is a social media chat app for users with special needs, including those who are blind, deaf, or unable to speak. It supports real-time messaging through text, images, and sign language detection using a machine learning model, fostering inclusive communication and helping individuals with disabilities connect easily.
Technologies: React Native, Tailwind CSS, Flask, Firebase, OpenCV, MediaPipe, JWT Authentication

Contact Management System to practice Docker and Kubernetes

Repo [↗](#)

A contact management system built to practice Docker and Kubernetes. The backend uses Flask, and the frontend uses React. Docker images were created for both and deployed on a Kubernetes cluster using Minikube and kubectl. This project demonstrates real-world containerization and orchestration with Docker and Kubernetes integration.

Technologies: React, Flask, SQLite Docker, Kubernetes, Minikube, Kubectl

StudyMates

Repo [↗](#)

StudyMates is a platform designed primarily for students to collaborate and study together. It allows users to create and join chatrooms where they can discuss topics, share study materials, and work together in a collaborative environment. The platform fosters a community-driven approach to learning, enabling students to connect, communicate, and support each other through shared resources and real-time interaction.

Technologies: HTML, Django

Skills

Programming Languages

C, C++, C#, PHP, Java, Python, JavaScript, TypeScript, HTML, CSS

Frameworks and Libraries

React, React Native, Angular, SpringBoot, ASP.NET, Django, Flask, Laravel, Bootstrap, Express JS, Node JS

Databases

MongoDB, MySQL, PostgreSQL

Technologies and Tools

Git, Github, GitLab, Docker, Kubernetes, Jenkins, Linux, Ansible(Learning), Terraform(Learning), Postman

Soft Skills

Leadership, Communication, Team Collaboration, Critical thinking, Creativity, Stress Management, Time Management

Achievements

Top 8 finalist

BitCode V 4.0 2023 (Rajarata University of Sri Lanka)

First Place

Web Design Competition(HTML) - Envisage 2017, ICT day of Musaeus College

Participation

BIZMINDS 2023 Inter University Business Plan competition (University of Kelaniya)

References

Reference 1

Reference 2