Tashmi Oshera

BSc (Hons) in Software Engineering Undergraduate | 3rd Year

 GitHub | in Linkedin | osheratashmi@gmail.com | +94 70 207 0697 | Portfolio

A dedicated and detail-oriented third-year Software Engineering undergraduate at Sri Lanka Institute of Information Technology (SLIIT), with strong expertise in programming languages including Kotlin, Java, Python, C, C++, HTML, and CSS. Passionate about software development and problem-solving, I am committed to leveraging my technical skills to develop innovative and efficient solutions that address real-world challenges.

Skills

Languages & Markup:	Java, JavaScript, Python, C++, HTML, CSS, C, PHP, Kotlin,R
Frameworks & Tools:	React.js, Node.js, Tailwind, Bootstrap
Databases:	MySQL, MongoDB
DevOps & CI/CD:	Git, GitHub, ubuntu
Technologies & Tools:	Postman, R Studio, Android Studio, Figma, Canva
Soft Skills:	Problem-Solving, Teamwork, Team Motivation, Time Management

Experience

Soft Toys Garment Factory

Role: Inventory Assistant

Responsible for overseeing inventory management processes, coordinating with teams to ensure stock availability, and maintaining accurate records to support smooth operational flow within the company.

- Managed inventory systems to ensure accurate stock tracking and organization.
- Monitored inventory levels and coordinated with the production team to meet sales demands.
- Processed incoming and outgoing stock, ensuring timely updates and documentation.
- Worked with suppliers to ensure timely deliveries and maintain quality standards.

Projects

Bear Works Lanka - MERN Full-Stack Application

Developed a comprehensive web application for a soft toys company to streamline factory operations, improve efficiency, and enhance management processes.

- **Technologies:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS
- **Responsibilities:**
  - Developed and managed the Orders and Production Management module.
  - Created user-friendly interfaces with React.js and Tailwind CSS.
  - Built RESTful APIs using Node.js and Express.js for data handling.
  - Implemented MongoDB for efficient data storage and retrieval.
  - Collaborated with the team to integrate features and resolve issues.

Staff Managment System

Worked on the Leave Application feature for an employee management system, enabling employees to request leave seamlessly and efficiently.

- **Technologies:** HTML, CSS, Java ,MYSQL

Online Examination System

Worked on the Result Updating feature and designed the Home Page for an online exam system, ensuring accurate result management and a user-friendly interface.

- **Technologies:**HTML, CSS, JavaScript, PHP, MySQL

Task Management Mobile Application

Developed a task management mobile app using Kotlin. The app allows users to create, edit, delete, and track daily tasks, set reminders, and use a stopwatch. Data is stored locally via Shared Preferences for persistence across sessions. Additionally, users can add widgets for easy access, providing a seamless and efficient task management experience.

- **Technologies:** Kotlin, Shared Preferences

Fitness App UI design Using Android Studio

Designed the UI for a fitness app using Android XML, featuring login, signup, home page, diet plans, workouts, and a profile section for notes. The app provides an easy-to-use interface for tracking workouts, viewing diet plans, and setting fitness goals. The design follows the "60-30-10 rule" for colors and includes intuitive navigation, making it a functional and engaging app for users to manage their fitness journey.

- **Technologies:** Kotlin

Fitness App UI design

Designed the UI for a mobile app using Figma, featuring onboarding screens, login, signup, home, diet plans, workouts, a BMI calculator, and a profile section for adding notes. The app provides an intuitive interface for tracking workouts, viewing diet plans, and calculating BMI. The design emphasizes user-friendly navigation and a visually appealing layout, making it an effective and engaging tool for users to manage their health and fitness goals.

- **Technologies:** Figma

Education

BSc (Hons) in Information Technology   2022 - Present

Sri Lanka Institute of Information Technology (SLIIT)

Current GPA: 2.712

GCE Advanced Level   2018 - 2021

Sujatha Vidyalaya, Nugegoda Stream: Commerce Completed: 2021

GCE Ordinary Level   2018

Sujatha Vidyalaya, Nugegoda Completed: 2018

British Council English Examinations

Completed Flyers, KET, and PET examinations demonstrating strong skills in reading, writing, listening, and speaking.

Extracurricular Activities

- **Senior Western Band Leader**
  Sujatha Vidyalaya, Nugegoda - Led the school Western band, coordinating performances and managing team activities.

- **Swimming**
  Sujatha Vidyalaya, Nugegoda - Active participant in school swimming events, demonstrating discipline and teamwork.

- **Photography Course**
  National Association of Photographers Sri Lanka (NAPSL) - Completed a course in photography, acquiring practical skills in capturing and editing images.

Certifications

Java Programming :	Great Learning Academy
UI/UX Certification:	Great Learning Academy
Python Programming Certification:	University of Moratuwa (UOM)