Tharindu Sandaruwan

Computer Science U.G

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📍 Panadura, Sri Lanka # 12500 in LinkedIn 🌐 Portfolio

🔾 Github

PROFILE

I am a Computer Science undergraduate at General Sir John Kotelawala Defence University with a strong passion for Software Engineering. I have hands-on experience developing cross-platform mobile applications using Flutter and building responsive, high-performance web applications. With proficiency in Java, Python, and modern frontend technologies, I excel in API integration, UI/UX implementation, and optimizing application performance. I am a problem-solver with a solid understanding of software development principles and eager to apply my technical expertise in real-world software engineering projects.

EDUCATION

- **Bcs(Hons) in Computer Science (Reading)**   **2022 - Present**
  General Sir John Kotelawala Defence University

- **G.C.E Advanced level in Physical Science**   **2017 - 2020**
  G/P.De.S. Kularathna collage

Experience

- **Software Engineer Intern**   **Aug 2025 - Present**
  EVision Microsystems

PROJECTS

E-Commerce App   Sep 2025- Nov 2025

- Developed a feature-rich E-Commerce web application using ASP.NET MVC, supporting both admin and user login functionalities for secure access control.
- Implemented an admin dashboard to efficiently manage products, categories, and listings, while enabling users to browse, search, and filter products by category.
- Integrated shopping cart and checkout features with user location details to streamline the purchasing process and enhance the overall shopping experience.

Shine-Spy | AI Powered Skin Oil Detect App   March 2024- Apr 2024

- A Flutter-based AI application that analyzes skin oil levels using TensorFlow Lite and image processing.
- Generates a detailed oil level report as a PDF and provides a personalized shopping section based on skin type.
- Includes a chatbot for skincare guidance and Firebase integration for data storage and user management.

Fundcure | Fundraising App   Jan 2023- Dec 2023

- A Flutter-based app that enables users in Sri Lanka to create and fund fundraising projects.
- Uses Firebase for secure data management and chatbot integration for user assistance.
- Provides a seamless platform for project listing, donations, and real-time interactions.

Certifications

- **React Basic**   Reading
  University of Coursera — Meta from Coursera
- **Front End Web Development**   2025
  University of Moratuwa
- **Server Side Web Development**   2025
  University of Moratuwa
- **Python for Beginers**   2024
  University of Moratuwa
- **Introduction to Networks**   2023
  Cisco

RESEARCH AND PUBLICATION

MGT Sandaruwan , MKP Madushanka , B Hettige (2025). Artificial Intelligence Based Solution for Navigating Vision Impaired Individuals: A Review. (General Sir John Kotelawala Defence University)

TECHNICAL SKILLS

Java , OOP , C++, C , C#, HTML , CSS , JavaScript , Python , Nodejs , APIs , Typescript(Basic) , Dart , ASP .Net MVC, Firebase , Firebase Console, Flutter , React(Basic) , Bootstrap , Git , GitHub , Figma , UI-UX Design, Tensorflow , YOLO , OpenCV , NLP, IOT , Computer Vision , Image Processing

ACHIEVEMENT

Best Software Project : General Sir John Kotelawala Defence University,
represented the university at the 10th National Scout Jamboree, organized by the Sri Lanka Scout Association.

PERSONAL SKILLS

Problem-Solving , Team Collaboration , Time Management , Communication , Self-Motivation

EXTRA-CURRICULAR ACTIVITIES

music   Badminton

Links

GitHub   : https://github.com/mgsandaruwan
Portfolio : tharindusandaruwan.me

REFERENCES

Mrs. MKP Madushanka
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