

SUDHEERA DESHAPRIYA

INTERN - SOFTWARE ENGINEER

Negombo Road, Wattala,

Sri Lanka

+94773016145

+94781289955

sudheeradasun007@gmail.com

LinkedIn: <https://www.linkedin.com/in/sudheera-deshapriya>

GitHub: <https://github.com/sudasun007/>

Portfolio: <https://sudheeradeshapriya.netlify.app/>

Profile Summary

Aspiring Software Engineer currently pursuing a BSc in Information Technology at Rajarata University of Sri Lanka. Strong foundation in full-stack development, with a growing GitHub portfolio of Spring Boot applications and AI-driven projects. Passionate about building scalable, user-focused web and mobile applications using modern frameworks and technologies.

Technical Skills

- Programming Languages: Java, Python, C, C++, PHP, JavaScript
- Web Development: Spring Boot, Flask, HTML, CSS, JavaScript, Thymeleaf, Bootstrap 5
- Machine Learning & AI: TensorFlow, Scikit-learn, OpenCV, Keras, PyTorch
- Databases: PostgreSQL, MySQL, SQLite
- Development Tools: GitHub, Figma, Trello
- Others: REST APIs, Maven, JPA, Hibernate, Java Swing

Soft Skills

- Team Collaboration
- Problem-Solving
- Communication & Presentation
- Leadership & Time Management
- Adaptability & Critical Thinking

Education

BSc. In Information Technology

June 2021 – July 2025

Rajarata University of Sri Lanka

ANANDA COLLEGE, COLOMBO 10.

2008 - 2016

Earned 7 As in GCE O/L and completed GCE Advanced Level in the Science Stream

Certifications & Courses

- Career Essentials in Generative AI by Microsoft and LinkedIn –LinkedIn Learning
 - Machine Learning with Python – Coursera
 - Deep Learning Specialization – Andrew Ng
 - AI for Everyone – Coursera
-

Projects & Experience

Quiz App (Spring Boot + PostgreSQL)

- Developed a Spring Boot application with PostgreSQL backend to manage quiz questions and user interactions. Features include RESTful APIs, JPA repositories, and relational table mapping.

Book Store (Spring Boot CRUD App + MYSQL)

- Built a CRUD web app using Spring Boot, Thymeleaf, and Bootstrap. Implemented full stack operations for book registration, updates, listing, and soft delete using service-repo architecture.

ATM Management System (Java Swing + MySQL)

- Desktop-based ATM simulation using Java Swing for GUI and MySQL for backend. Implements login authentication, balance inquiry, deposit, withdrawal, and mini-statement functionalities.

KataDo Mobile App with CNN Model

- Developed an Android application for Karate beginners to train and evaluate their Kata performance. Users can input a video to assess pose correctness and receive a graded result. Contributions included wireframe design, Android functionalities, CNN model development, and integration.

QR/Barcode Scanner Application

- Built a Python-based QR/Barcode scanner with a Tkinter GUI, supporting real-time webcam scanning and decoding from images. Integrated features like URL detection, clipboard copying, and browser redirection.

Travel App LK

- Developed a travel application focusing on user-friendly interfaces and streamlined travel management.

Frame Extraction Module

- Designed an AI-powered video frame extraction and classification system using ResNet50 and Flask. The module identifies key frames from videos and classifies them for further analysis.
-

Leadership & Extra Curricular Activities

- Junior Treasurer at FAS Tunes, Rajarata University of Sri Lanka
- RUSL FAS Singer – Vocalist and performer in university music events.
- RUSL Baseball Player – Represented the university in inter-university tournaments.
- Final-Year Project Leader – Led the group project in the Computing Department.

Languages

- English (Fluent)
 - Sinhala (Native)
-

Reference

Ms. A.K.N.L. Aththanagoda

Lecturer

Department of Computing

Faculty of Applied Sciences,

RUSL

+94 71 241 7735