



Sanidu Harsha

ABOUT

Software Engineering undergraduate with a strong interest in software development, web technologies, and problem-solving. Eager to apply technical skills, gain industry experience, and contribute to real-world projects through a Software Engineering Internship.

EDUCATION

BEng (Hons) Software Engineering

Informatics Institute of Technology (IIT) – Affiliated with the University of Westminster

2024 – Present

GCE Advanced Level (2023)

Passed – Commerce Stream with ICT

School: Gurukula College, Kelaniya

GCE Ordinary Level (2018)

8 A passes and 1 B pass

School: Gurukula College, Kelaniya

SKILLS SUMMARY

Programming Languages

Python, Java, Kotlin, Dart, JavaScript, SQL, HTML5, CSS3

Frameworks & Libraries

Django, Flask, React, Flutter, Jetpack Compose

Databases

PostgreSQL, MySQL, SQLite, Firebase

Tools & Technologies

Git, GitHub, Docker, Railway, Postman, Linux, Android Studio, IntelliJ IDEA, VS Code, PyCharm, Node.js, Express.js

Software Engineering:

Object-Oriented Programming (OOP), Data Structures & Algorithms, SDLC, Agile/Scrum, UML, Software Testing, REST APIs

Soft Skills

Teamwork, Problem Solving, Communication, Time Management, Adaptability

Productivity & Design Tools:

Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access, Adobe Photoshop, Adobe Premiere Pro, Adobe Acrobat

PERSONAL DETAILS

Full Name – Kanumul Deniya Liyanage

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linkedin.com/in/saniduharsha

GitHub – github.com/sanidu2002

Portfolio – sanidu.site

LANGUAGE

English

Sinhala

PROJECTS

Grist – AI Diet Planning Mobile Application – SDGP Project (Kotlin, Jetpack Compose, Django, PostgreSQL)

- Developed an Android mobile application for personalized diet planning and nutrition tracking.
- Implemented modern UI using Jetpack Compose and integrated backend APIs built with Django REST Framework.
- Contributed to frontend development including navigation, UI components, and API integration.

Recipe Finder Web Application (HTML, CSS, JavaScript, Python, Flask, SQLite)

- Built a full-stack recipe search application with API integration and a favourites system.

Airport Flight Analysis System (Python)

- Developed a flight data analysis application that processes CSV datasets, generates statistical reports, and visualizes airline departures using graphical charts.

Loan Approval Prediction System (Machine Learning)

- Built machine learning models for loan approval prediction and loan amount estimation using data preprocessing, classification, ensemble learning, and regression techniques.

Animal Whack Game (Java)

- Developed a Java Swing-based desktop game featuring real-time scoring, timer functionality, and event-driven gameplay using object-oriented programming principles.

Climate Action Awareness Website – Group Project (HTML, CSS)

- Developed a responsive website promoting climate awareness as part of a university group project.
- Contributed to frontend design and page development using HTML and CSS.

CERTIFICATES

- **Level 3 Diploma in Information Technology**
- **Python Programming Foundations: Fundamentals**
- **Programming in Python – Python for Beginners, University of Moratuwa (2026)**
- **Machine Learning for Beginners**

REFERENCES

Ms. Kalhari Walawage

Lecturer,

Informatic Institute of Technology,

Mobile: 0764283140

Email: kalhari.w@iit.ac

Mr. Indunil Udayangana

Senior Software Engineer,

Cambio Software

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