

SANDARU ABEYKOON

Associate Software Engineer



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[LinkedIn.com](#)



[github.com](#)

SUMMARY

Aspiring Software Engineer with strong foundational knowledge in computer science and 6+ months of industry experience in programming and software development. Eager to contribute to a dynamic team, tackle challenges, and learn from seasoned professionals in a real-world setting. Passionate about technology, committed to continuous learning and growth, and experienced in developing real-world applications using modern technologies.

WORK EXPERIENCE

Software Engineer Trainee

03/2025 - Present

Procons Infotech

- Designing and developing a Laravel-based Learning Management System (LMS) with Moodle Single Sign-On (SSO) integration to enhance user authentication and course management.

Software Engineer Intern

09/2024 - 03/2025

Procons Infotech

- Developed an automated system for the Sri Lanka Sustainable Authority to manage the quality testing and certification process for all imported electric home appliances in Sri Lanka. Designed and implemented the system using Laravel, jQuery, and MySQL.
- Contributed to multiple WordPress-Laravel integrated web applications, ensuring seamless functionality and optimized performance.

PROJECTS

• Cricket Club Management System

University project

Developed a full-stack web application for managing a cricket club. The system allows users to view upcoming practice sessions, register as players, enroll in sessions, and download participation tickets. Admin functionalities include adding, updating, and removing sessions, sports equipment, and players.

Technologies Used

JavaScript, React, Node.js, Express.js, MongoDB, Mongoose, Material-UI, Tailwind CSS, Redux, Git

• Hand-Controlled Mouse using PC Camera

Personal project

Developed a hand-controlled mouse application that captures hand gestures via the PC camera, translating them into mouse movements and actions. This system offers an innovative way to interact with the computer without using a physical mouse.

Technologies Used

Python, OpenCV, MediaPipe, PyAutoGUI

• **Social Media Management System**

University project

Developed a full-stack web application for managing social media pages. The system allows users to apply for our service and analyze their social media account performance from a single interface.

Technologies Used

HTML, CSS, PHP, JavaScript, Git

• **Voice-command-assistance**

Personal project

Developed a Python-based Voice Command Assistant to control Windows system functions using voice commands. Features include volume control, folder navigation, web search, Open and play Youtube video, a GUI interface, speech recognition, and text-to-speech feedback for executed commands.

Technologies Used

Python, pyttsx3, PyQt5, pycaw, psutil, win32gui, BeautifulSoup

EDUCATION

Sri Lanka Institute of Information Technology

2022 - Present

BSc (Hons) in Information Technology Specializing in Software Engineering

GPA | 3.5/4.0

Technical College Warakapola

12/2020 - 05/2021

NVQ Level 4 in Information Technology

Maliyadeva College Kurunegala

01/2017 - 08/2019

GCE A/L in Physical Science Stream

SKILLS

- **Programming Languages** : C, C++, C#, Java, PHP, Python, JavaScript, R, HTML, CSS, SQL
- **Frameworks & Libraries** : ReactJs, ExpressJs, NodeJs, React Native, TensorFlow, Tailwind CSS, Bootstrap, OpenCV, Laravel, JQuery
- **Database** : MySQL, MSSQL, Oracle, MongoDB, Firebase
- **Tools and Technologies** : VS Code, Android Studio, Eclipse, IntelliJ Idea, Colab, Postman, Figma, Git, GitHub, Linux, AWS, Docker, MERN Stack
- **Design Patterns** : Singleton, Factory, Observer, Decorator, Strategy, Adapter, MVC
- **Additional Tools** : Photoshop, After Effects, Premiere Pro
- **Soft Skills** : Creativity, Teamwork, Leadership, Time management, Flexibility, Communication, Problem-Solving

CERTIFICATIONS AND MEMBERSHIP

- Dean's List - SLIIT (2nd Year, 2nd Semester)
- Certificate in AI Foundation
- Certificate in .Net Fundamentals
- Certificate in Python for Machine Learning
- Certificate in AI and Big data in IOT
- Certificate in ICT NVQ L4
- Member of SLIIT Media Unit
- Member of Lanka Software Foundation
- Chief Editor of Maliyadeva College Photography Society

REFERENCE

Dr. U.U.Samantha Rajapaksha

Faculty Head/Senior Lecturer

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