

GIHAN SUDEEPA

Software Engineering Undergraduate

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 [Gihan Sudeepa](#)

 [GIHAA](#)

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About me

I'm a self-motivated Software Engineering undergraduate with a passion for learning and trying new technologies. I'm interested in both Full Stack and Backend Development and can quickly adapt to changes.

Education

Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology (specializing in Software Engineering) Sep. 2021 - Present

- Course Work: Computer Networks, Database Management Systems, Mathematics for Computing, Object Oriented Programming, Operating Systems and Computer Architecture, Software Process Modelling, Database Structures and Algorithms, Mobile development

St. Anthony's College - Wattala

High School 2006 - 2019

- Passed Advanced Level in Physical Science stream with 3C

Honors and Awards

2023	3rd place , RealHack 4.0 hackthone 2023	<i>University of Kalaniya, Kalaniya</i>
2022	2nd place , SLIIT Codefest Hackthone 2022	<i>SLIIT , malabe</i>
2022	3rd place , SLIIT mini Hackthone 2022	<i>SLIIT , malabe</i>
2021	Finalist IEEE Circuito'21 Virtual Exhibition and Competition	<i>IEEE Industrial Electronics Society of SLTC</i>

Technical Skills

Programming	C , C++ , Java, JavaScript , Python , PHP , Kotlin
Libraries/Frameworks	Express.js, Node.js, React.js, Tailwind CSS, Spring Boot(learning)
Databases	MySQL, Firebase MongoDB
Others	Figma. Git/ Github , Postman

Open Source Projects

SLIIT ./ bachaway - backend [visit](#)

SLIIT FOSS Community Project Aug. 2022

- The SLIIT FOSS Community organized an Automation and Scripting competition, where participants took part in the contest through a portal that we created for this purpose.
- Contribution: Question Management (Create question, get question by Id, update question, delete question), API testing
- Technologies: Node.js, Express.js, MongoDB

Academic Projects

Happy Tails [visit site](#) [visit github repository](#)

Happy Tails is a project developed using the MERN (MongoDB, Express.js, React.js, Node.js) stack. It serves as an online platform for managing a private pet shelter located in Kandy, Sri Lanka. Main Goal is to aims to streamline shelter operations, improve efficiency, and enhance the overall customer experience.

Technologies: MongoDB, Express.js, React.js, Node.js

Bodima [visit](#)

Bodima is an app designed to help people find accommodation and connect with sellers. It allows users to search through listings and easily contact sellers to inquire about available accommodations and related items like furniture, food, and groceries. Simplify your search for accommodation and connect with sellers effortlessly using Bodima.

Technologies: Kotlin , Firebase

Tasty Delights [visit](#)

A completely functional web application for a bakery that manages every step of the process, from food preparation to food delivery to consumers

Technologies: JSP, Servlet , CSS , Bootstrap , JavaScript , MySQL

Diamond Shine

A comprehensive web application that manages every step of the laundry process, from intake to delivery.

Technologies: HTML , CSS , JavaScript , PHP

Personal Projects

3.1 Batch Links [visit](#)

Web page that helps students to find important information such as lec halls

Technologies: HTML , JavaScript , Three.js , CSS

Onix Book Shop [visit](#)

Full-stack web solution to enhance the online shopping experience for customers of Onix Bookshop. The solution is tailored to the needs of the bookstore and include a user-friendly interface that allows customers to browse and purchase books with ease.

Technologies: MongoDB, Express.js, React.js, Node.js

Snow Ball [visit](#)

2D platform runner android game, which has over 50+ downloads on playstore

Technologies: Unity , C#

Portfolio [visit](#)

Website showcasing my projects, education, and work history in an elegant and visually appealing manner.

Technologies: React.js , Tailwind CSS

Snowy v2 (2021) [visit](#)

Mobile controlled spider robot made using arduino

Technologies: Arduino

Egg-incubator [visit](#)

The incubator uses temperature and humidity sensors to monitor and regulate the conditions inside the incubator, ensuring that the eggs are kept at the optimal temperature and humidity for successful incubation.

Technologies: Firebase , Arduino

Safety-Stop [visit](#)

The system is a bench safety device designed to prevent accidents while using a blade. It operates on two levels to ensure safety. Firstly, if a person approaches the blade too closely, a warning signal is activated. If this warning is ignored, the system moves to the second level, whereby the motor stops and a brake pad is launched to bring the blade to a complete stop, preventing any potential accidents. This design ensures maximum safety for users of the blade, reducing the risk of accidents and injuries.

Technologies: Arduino

Online Certifications

2022	AL/ML engineer - Stage 1	<i>SLIIT , malabe</i>
2022	Postman API Fundamentals Student Expert	<i>Postman</i>
2022	Java EE: Servlets and JavaServer Pages (JSP)	<i>LinkedIn</i>
2022	Web Design for Beginners	<i>University of Moratuwa</i>

Volunteer Experience

SLIIT FOSS

Member - Dev team Mar. 2022 - Present

Contributed projects - CLI Explorer, SLIIT ./bashaway portal