

Vihanga Supasan, Software Engineering Intern

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PROFILE

As a Software Engineering undergraduate who's Highly passionate about software and web development, I consider myself as a relentless explorer and pressure handler. Juggling more deadlines than a circus clown, Riding the rollercoaster of my relationship, and my daily battles with my caffeine addiction have shown me I can handle anything your internship can throw at me.

PROJECTS

- Sep 2023 — Present

Team Leader, TeaHub Application

Developed a Flutter application that utilizes advanced image-based technology for disease diagnosis, treatment recommendations, and chatbot support in tea plant care. The project leverages technologies such as OpenAI, TensorFlow, and YOLOv8.
- Nov 2023 — Feb 2024

E-Commerce System Development Using Java and JavaFX

Developed a Java-based e-commerce management system with advanced functionalities including a user-friendly GUI, product sorting, and dynamic discounting. Ensured reliability and code quality through automated testing and stringent error handling.
- Jan 2023 — May 2024

Team Leader, Boxing.com(A website about boxing)

Developed a website for boxing.com using HTML5, CSS3, and JavaScript, featuring a presentation page, sections on boxing history, rankings, fitness guidance, an e-commerce page for product purchases, a feedback form, an interactive quiz page, and a detailed sitemap with SVG diagrams.
- Jun 2023 — Jun 2023

The Gallery App (Self Project)

It's a web-based application where you can keep your favorite memories by storing photos.The front-end is constructed with ReactJS,while Firebase is employed for authentication and Firestore is used as the databasebackend.This project was a personal project I worked on during my vacation at IIT.

EDUCATION

- Sep 2022 — Present

BEng (Hons) Software Engineering, Informatics Institute of Technology (Affiliated From University of Westminster)

1st year Modules at IIT

Computer Systems Fundamentals (IIT Sri Lanka)- 97
Mathematics for Computing (IIT Sri Lanka)-96
Software Development II (IIT Sri Lanka) -95
Software Development I (IIT Sri Lanka) -94
Web Design and Development (IIT Sri Lanka)-88
Trends in Computer Science (IIT Sri Lanka)-75

2nd Year Modules at IIT

Object-Oriented Programming (IIT Sri Lanka)- 91
Database Systems (IIT Sri Lanka)- 93
Software Engineering Principles and Practice (IIT Sri Lanka)-76
Software Development Group Project (IIT Sri Lanka)-Pending
Server-Side Web Development(IIT Sri Lanka)-Pending
Algorithms: Theory, Design and Implementation (IIT Sri Lanka)-Pending
- Feb 2012 — Mar 2022

Secondary Education, St. Peter's College.Colombo 004

A/L Results

2021 (1st Attempt)- 1A's 1B's 1C's

2022(2nd Attempt)-1A's 2B's

O/L Results (2017)- 9A's

2007 — 2011

Primary Education, St John's College-Panadura

EXTRA-CURRICULAR ACTIVITIES

Nov 2023 — Present	Finance Director , Students Union at IIT Managed all financial activities associated with events that took place at IIT. I played a significant role in planning and executing events, contributing to major projects such as StageCraft, the annual talent show, the Christmas party, and many other significant events.
Mar 2023 — Feb 2024	Technical Support Subcommittee Member, IEEE Srilanka Section SIGHT Actively participating in clean water initiatives through filter installations and youth empowerment workshops, while also taking on significant roles in project events and sessions.
Feb 2023 — Jan 2024	Volunteer- Event and Logistics Team, Mozilla Club of IIT Contributing significantly to event planning and execution, assisting participants in front-end and back-end development, fostering portfolio building with React and Node.js.
Jun 2023 — Sep 2023	Volunteer- ITV Volunteering Team, Cutting Edge 2023 Enhancing the event with pre-recorded video management and dynamic live stream facilitation, ensuring an engaging and informative experience for viewers.
Feb 2012 — Aug 2021	Secondary Education, St Peter's College <ul style="list-style-type: none">• Vice President- Peterite Oriental Orchestra (2020-2021)• Secretary-Sinhala Literary Association(2020-2021)• Leader-School Debating Team(2019-2021)• Member - Maths and Science Society(2018-2021)

TECHNICAL SKILLS

MySQL

Java

Git

Flutter

HTML, CSS , JavaScript

React

SOFT SKILLS

Problem Solving

Leadership

Adaptability

Event Planning

Team Work

Time
Management

REFERENCES

Mr Ruwan Samarakkody from Assistant General
Manager(Risk Management) Bank of Ceylon
Head Office

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