

VIPUSA SRIHARAN

Software Engineering Undergraduate

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LinkedIn | GitHub | Medium | LeetCode | Portfolio

ABOUT ME

Software Engineering undergraduate with a solid foundation in programming and a keen interest in back-end development and mobile applications. Experienced in technologies such as Spring Boot, React, and React Native, with a proven ability to learn quickly and adapt to new challenges. Interested in contributing to real-world projects, building meaningful software solutions, and gain hands-on industry experience through an internship

EDUCATION

University of Kelaniya

Bachelor of Science (Honours) in Software Engineering

- Domain: Web Development, Mobile Development, Data Science
- Current GPA: 3.63 / 4.00

Kelaniya, Sri Lanka

2023 – Present

Manipal Ladies' College

G.C.E. Advanced Level (Physical Science)

- Z-Score: 1.6636

Jaffna, Sri Lanka

2019 – 2021

TECHNICAL SKILLS

Back-end: Spring Boot, REST API Development

Front-end: React.js, React Native, Tailwind CSS, Material UI

Programming Languages: Java, JavaScript, TypeScript, C, PHP

Databases: MySQL, MongoDB

Tools: GitHub, Postman, Power BI

PROJECTS

BookTown - e-commerce Bookstore Website (Individual Project)

Aug 2025 – Present

<https://github.com/vipusrihar/booktown>

- Developing a full-stack online bookstore with user authentication, book browsing, cart management, and secure checkout.
- Features include search and filter, user reviews, order tracking, and admin panel for inventory control.
- **Tech Stack:** SpringBoot, React.js, MySQL, JWT , MUI

Online Bus Booking System (Back-end Only)

Apr 2025 – May 2025

https://github.com/vipusrihar/online_bus_booking_system

- Built a secure backend for an online bus booking system with RESTful APIs.
- Integrated JWT-based authentication and role-based access control.
- **Tech Stack:** Spring Boot, MySQL, JWT, REST API.

QuickBites – Online Food Ordering Website (Individual Project)

Mar 2025 – Present

<https://github.com/vipusrihar/QuickBites>

- Building a full-stack food ordering system with secure user authentication and inventory/order management.
- Backend RESTful APIs with Spring Boot, and responsive UI using React.js with Tailwind CSS and Material UI.

- **Tech Stack:** Spring Boot, React.js, Tailwind CSS, Material UI, MySQL, JWT.

Fuel Quota Management System (Group Project)

Dec 2024 – Feb 2025

<https://github.com/Thushakaran/Fuel-Quota-Management-System>

- Developed a full-stack fuel quota management system with user registration, fuel request submission, and quota validation.
- Implemented secure, role-based access control with JWT authentication.
- **Tech Stack:** React.js, Spring Boot, MySQL, JWT, RESTful APIs, Bootstrap.

Habit Tracker Mobile App (Individual Project)

May 2025

https://github.com/vipusrihar/Habit_Tracker

- Created a habit tracking mobile app with support for both boolean and count-based habits.
- Enabled full CRUD functionality, progress tracking, and visual analytics.
- **Tech Stack:** React Native CLI, TypeScript, Zustand, AsyncStorage.

SOFT SKILLS

Collaboration, Adaptability, Teamwork, Time Management, Leadership, Continuous Learning

VOLUNTEERING EXPERIENCE

IEEE Public Visibility Subcommittee Member 2023 – 2024

AWS Cloud Club – Content Writing Team Member 2024 – 2025

Gavel Club Member

LANGUAGES

English: Professional Proficiency

Tamil: Native Proficiency

CERTIFICATES

Responsive Web Design – FreeCodeCamp

Postman API Fundamentals Student Expert

Participation Certificate, HackElite 1.0 (2024) – IEEE WIE Student Branch Affinity Group, University of Moratuwa

SQL Intermediate – HackerRank

Java Intermediate – SoloLearn

REFERENCES

Dr. Nalin Warnajith

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Software Engineering Teaching Unit,
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