

R D K N V KARUNARATHNA

Software Engineering Undergraduate

+94 76 408 3644 | kanishtakarunarathne2001@gmail.com | LinkedIn | GitHub | Kaduwela, Sri Lanka

SUMMARY

Motivated Software Engineering undergraduate at NSBM Green University. Interested in software development and eager to apply academic knowledge, problem-solving skills, and technical abilities in a professional environment. Seeking a software engineering internship to gain practical experience, contribute to real-world projects, and develop as a future software engineer.

PROJECTS

1. LK TRAVELMATE

Travel Companion Mobile Application – Group Project

A cross-platform travel application developed using Flutter and Dart to support users while travelling around Sri Lanka. The application includes location-based features, map integration, Firebase services, and voice-related functionalities. It is designed to provide a simple and interactive travel experience through mobile devices.

My Contribution

- Contributed mainly to the UI development and design improvements.
- Improved theme colours, icons, images, and navigation elements.
- Helped refine the overall user experience and application interface.

Technologies: Flutter, Dart, Firebase, Google Maps API, Provider



https://github.com/Himashmayadunna/LK_TRAVELMATE

2. AUCTION MANAGEMENT SYSTEM

Online Auction Web Application – Group Project

A web-based auction platform developed using Next.js and React that allows users to browse auctions, view auction details, manage their accounts, and list items for sale. The system includes user authentication, dashboard functionality, auction-related pages, and an item-selling process.

My Contribution

- Developed a major part of the multi-step Sell Item page.
- Created reusable React UI components, including a Custom Select component.
- Worked on application styling, theme improvements, and dark-mode-related fixes.
- Improved navigation and routing between the Sell page and Dashboard.
- Helped fix UI issues to improve usability and consistency.

Technologies: Next.js, React.js, JavaScript, Tailwind CSS



<https://github.com/Himashmayadunna/auction-management-system>

3. STUDENT MANAGEMENT SYSTEM

Web-Based Student Management Application – Group Project

A Java-based web application developed to manage different academic activities within an educational institution. The system includes functionality for managing students, teachers, courses, subjects, attendance, assignments, examinations, grades, and user dashboards.

My Contribution – Examination Management Module

- Developed the Examination Management module of the system.
- Implemented functions to create, display, retrieve, and delete examination records.
- Connected examination details with relevant courses and subjects.
- Worked with Java Servlets, JSP, DAO architecture, JDBC, and SQL for backend and database operations.
- Created examination forms and exam-list interfaces using JSP and Bootstrap.

Technologies: Java, Java Servlets, JSP, JDBC, SQL, HTML, Bootstrap



https://github.com/whoami225/Student_Management_System

EDUCATION

BSc (Honours) in Software Engineering (UNDERGRADUATE)

Faculty of Computing
NSBM Green university
(2023-PRESENT)

TECHSKILLS

- **PROGRAMMING LANGUAGES** - Java, JavaScript, Dart, PHP, HTML, CSS
 - **LIBRARIES & TECHNOLOGIES** - React.js, Next.js, Flutter, Tailwind CSS, Bootstrap, JSP, Java Servlets
 - **TOOLS** - Git, GitHub, VS Code, IntelliJ IDEA
 - **DATABASES & OTHER** - MySQL, Firebase, JDBC, Google Maps API, REST API Integration
-

REFERENCES

Kavinda Nirman Lokupathirana

Deputy Manager - Software Developer
Mercantile Investments and Finance PLC
+94 76 969 7764

Prof. Chaminda Wijesinghe

Associate Professor
Faculty of Computing
NSBM Green University
Email: chamindaw@nsbm.ac.lk
+94 11 544 5000