



SULAKSHIKA GUNASEKARA

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GitHub: <https://github.com/Sulakshika-Gunasekara>
Portfolio: <https://sulakshika-gunasekara.github.io/My-Portfolio/>

PROFILE

Full-stack developer skilled in HTML, CSS, JavaScript, React, Node.js, MongoDB, and MySQL. Strong grasp of data structures, algorithms, and OOP. Passionate about problem-solving, learning, and applying tech skills to real-world projects. Excited to tackle challenges and drive innovation in dynamic teams.

EDUCATION

DEGREE PROGRAM

- BSc (Hons) in Electronics and Computer Science, specializing in Computer Science, University of Kelaniya
- Current GPA - 3.53

PROGRAMING SKILLS

- **Programming Languages :** JavaScript, HTML, CSS, PHP, Java, C#
- **Database :** MySQL, MongoDB, Firebase
- **Frameworks :** Springboot, React, React-Native, NodeJS
- **Versoin Control Services :** Git
- **Cloud :** AWS
- **Design :** Figma, Blender

CERTIFICATIONS

- AWS Educate: Introduction to Cloud 101
- AWS Educate: Getting Started with Storage
- Microsoft Learn: Describe Cloud Computing
- HackerRank certified SQL (Basic)

PERSONAL PROJECT EXPERIENCE

Bicycle Sharing System

Technologies : Springboot, MongoDB, JWT, React, Bootstrap

- Enhanced a full-stack bike rental platform with user authentication, real-time bike tracking, and payment processing.
- Built an admin panel to manage bike inventory, station maintenance, and usage analytics.
- Integrated subscription plans and multi-station support to streamline urban mobility.
- GRoup Proejct

Github Link : https://github.com/Sulakshika-Gunasekara/Bicycle_Sharing_System
<https://github.com/Movindugamage/MyBike>

E-Commerce Website

Technologies : HTML, CSS, JavaScript, PHP (PHPMyAdmin)

- Developed a responsive e-commerce platform.
- Individual Project.

Github Link : <https://github.com/Sulakshika-Gunasekara/E-Commerce-Website>

Film Ticket Booking System

Technologies : Java, MySQL

- Upgraded a system for customers (browsing films, showtimes, ticket booking) and admins (database management).
- Designed a MySQL database to store film details, show schedules, and customer bookings.
- Individual Project.

Github Link : <https://github.com/Sulakshika-Gunasekara/FilmTicketManagementSystem>

Learning Management System

Technologies : NodeJs, ExpressJs, MongoDB, React, TailwindCSS

- Developed a MERN stack LMS with Gmail login, course management, student tracking, and a responsive React + TailwindCSS UI, along with an enhanced admin panel for streamlined user and content management.
- Individual ongoing project.

Github Link : <https://github.com/Sulakshika-Gunasekara/LMS>

Boarding Place Finder App

Technologies : React Native, Firebase

- Created a mobile app for users to search and view boarding places by location using Google Map API's with detailed listings and photos.
- Improved a feature for property owners to manage availability and real-time update their boarding place details using Firebase.
- Integrated Firebase for real-time data storage and synchronization between users and owners using React Native.
- Group project.

Github Link : <https://github.com/nimsara1999/easyBoarding>

Smart Vehicle Parking System

Technologies : React, React Native, Firebase, Arduino

- Built a smart parking solution using geolocation and QR codes to guide users to available spots.
- Implemented automated gate control and dynamic registration for efficient space management.
- Integrated sensor data with a mobile app to provide real-time parking availability updates.
- Group project.

Object Counter Circuit

Temperature Control Automatic Switch

VOLUNTEERING

- Content Writing Team Member of ECS Club, University of Kelaniya, Sri Lanka.
- Worked as ER team member for the UOK Robot Battles, 2024.
- Secretary team member in IEEE student branch, UOK.
- Member of AWS community, University of Kelaniya, Sri Lanka.

REFEREES

Name: Prof. Aruna Ranaweera

Position: Professor

Department: Department of Physics and Electronics

Faculty: Faculty of Science

University: University of Kelaniya

Email: arunaran@kln.ac.lk

Mobile: +94 (0)77 7 179 201

Name: Dr. W.A.C.Weerakoon

Position: Senior Lecturer (Grade II)

Department: Department of Statistics and Computer Science

Faculty: Faculty of Science

University: University of Kelaniya

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