SULAKSHIKA GUNASEKARA

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○ https://github.com/Sulakshika-Gunasekara

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

PROGRAMMING SKILLS

- **Programming Languages :** JavaScript, HTML, CSS, PHP, Java, Python
- **Database :** MySQL, MongoDB, Firebase
- **Frameworks :** Spring Boot, React, React-Native, NodeJS
- **Version 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 (Full-Stack Development | Group Project)

Tech Stack : Spring Boot, 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.

GitHub : https://github.com/Sulakshika-Gunasekara/Bicycle_Sharing_System
https://github.com/Movindugamage/MyBike

E-Commerce Website (Frontend Focus | Solo Project)

Tech Stack : HTML, CSS, JavaScript, PHP (PHPMyAdmin)

- Developed a responsive e-commerce platform.

GitHub : https://github.com/Sulakshika-Gunasekara/E-Commerce-Website

Learning Management System (LMS) (MERN Stack | Solo Project)

Tech Stack : Node JS, Express JS, MongoDB, React, Tailwind CSS, Google Auth

- 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.

  GitHub Link : https://github.com/Sulakshika-Gunasekara/LMS (ongoing)

Film Ticket Booking System (Backend/Database Focus | Solo Project)

Tech Stack : 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.

  GitHub : https://github.com/Sulakshika-Gunasekara/FilmTicketManagementSystem

Boarding Place Finder App (Mobile Development | Group Project)

Tech Stack : React Native, Firebase, Google Maps API

- 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..

  GitHub Link : https://github.com/nimsara1999/easyBoarding

Smart Vehicle Parking System (IoT + Full-Stack | Group Project)

Tech Stack : React, React Native, Firebase, Arduino, Google Maps API

- 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.

Object Counter Circuit

Temperature Control Automatic Switch

VOLUNTEERING

- Content Writing Team Member of ECS Club, University of Kelaniya, Sri Lanka.
- Worked as Emergency Response (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: Dr. B.M.T. Kumarika
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Computer Science
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