SHENAL PRASANKA

BICT UNDERGRADUATE

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in Shenal-Prasanka

Shenal-Prasanka

PROFILE

Aspiring Full Stack Software Engineer and undergraduate at Rajarata University of Sri Lanka. I combine a creative eye for UI/UX design with the analytical mindset of an engineer. Proficient in JavaScript, React.js, and Laravel. I have hands-on experience in cross-browser compatibility, version control (Git), and deploying responsive web applications. I am a rapid learner seeking to apply my technical skills in a challenging environment to develop efficient, user-centric software products.

EDUCATION

Bachelor of Information & Communication Technology
Rajarata university of Sri Lanka
2021-2025

GCE A/L Examination - Technology Stream: B | B | C
WP/GM Galahitiyawa Central College
2016-2018

GCE O/L Examination
WP/GM Galahitiyawa Central College
2009-2015

SKILLS

Technical Skills
UI Design: Figma
Frontend Development: React, HTML, CSS, Tailwind CSS
Backend Development: Laravel
Database: MySQL
Tools & Platform: GitHub
Programming Languages: PHP

Soft Skills
Project Management
Leadership
Teamwork
Time Management
Critical Thinking

RESEARCH

Integrated Decision Support System For TJC Mango Quality Prediction Using Machine Learning and IOT Technologies for Supply Chain Stakeholders in Sri Lanka.
2025

This ongoing research aims to develop an Integrated Decision Support System for TJC Mango Quality Prediction using machine learning and IoT technologies to improve grading accuracy and reduce post harvest losses in Sri Lanka's supply chain. By leveraging image processing for feature extraction, machine learning models like CNNs for classification, and IoT sensors for real-time monitoring, the system provides an automated, data-driven approach to assessing mango quality.

PROJECTS

Development Welfare

Technologies: React.js ,Tailwind CSS and Laravel.

User Authentication:The system establishes various levels for users.Users are required interact with the system using authorized user credentials generated by the system administrator.

User Interface Design:The system architecture includes User Interaction Layer to manage user access and interaction.

Development of Blood donation camping Web

Technologies: React.js,Tailwind CSS and Laravel

Admin Dashboard: For managing camp details, user data, and donor information.

User Authentication: Secure login and signup system for donors and administrators.

Donor Interaction: Enabled donors to send messages and view camp details.

Responsive Design: User experience across devices using Tailwind CSS.

Development of Vanguard University Web

Technologies: React, PHP, Javascript

Lecturer Dashboard: A centralized interface for managing academic tasks.

Student Dashboard: A personalized space for accessing course materials and updates.

Login/Signup System: Secure authentication for both students and lecturers using PHP

Development of BMI Calculator App

Technologies: JavaScript,React.

User-Friendly Interface: Designed a clean layout for seamless user interaction.

Responsive Design: Ensured compatibility and optimal performance.

WORK EXPERIENCE

Software Engineer - Directorate of Information Technology (6 Month)   2025
Associate Image processor - OREL IT (Kadawatha)   2019 - 2020

AWARDS

University Colors - Elle   2024
University Merit - Elle   2023

EXTRA CURRICULAR ACTIVITIES

Member of university Elle team   2022 - 2024
Member of faculty Sport committee   2022 - 2025
National cadet crops training   2016 - 2017
Volunteer in "Sipmansala" program at Faculty Student Union, Faculty of Technology   2023 - 2025

REFFERENCE

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