SHENAL PRASANKA

BICT UNDERGRADUATE

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PROFILE

I am an undergraduate in the Faculty of Technology at Rajarata University of Sri Lanka. I have consistently demonstrated a strong work ethic and passion for frontend development. With hands-on experience in UI/UX design, responsive web design, and cross-browser compatibility, I specialize in creating user-friendly interfaces using HTML, CSS, JavaScript, and modern frameworks like React.js. I am eager to leverage my problem-solving abilities and technical expertise to contribute to innovative web and mobile applications while advancing my career as a frontend developer.

EDUCATION

- **Bachelor of Information & Communication Technology**
  Rajarata university of Sri Lanka — PRESENT

- **GCE O/L & A/L**
  WP/GM Galahitiyawa Central College — 2011-2018

CERTIFICATIONS

- **Web Development & Python**
  University of Moratuwa — PRESENT

- **Certificate Course in English** — 2019

- **JavaScript Essentials**
  Cisco Online Courses — 2024

SKILLS

Technical Skills

- UI Designing in Figma
- Frontend Development: React, HTML, CSS, Tailwind CSS
- Database: MySQL
- Tools & Platform: GitHub
- Programming Languages: PHP

Soft Skills

- Project Management
- Leadership and 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. — PRESENT

- 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 of Todo App**

  Technologies: JavaScript, HTML, and CSS.
  - Task Management: Users can add, edit, mark as complete, and delete tasks.
  - Responsive Design: Ensured a clean and user-friendly interface across all devices.

- **Development of Blood donation camping Web**

  Technologies: React.js,Tailwind CSS and PHP
  - 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 highway ticketing system**

  Technologies: React.js ,Tailwind CSS and OpenCV for OCR-based.
  - Number Plate Detection: OCR to accurately detect and extract vehicle number plates.
  - Ticket Generation: Process of generating and printing tickets for identified vehicles.
  - User Interface: Built a responsive admin dashboard using React and Tailwind CSS for managing tickets and vehicle data.

- **Development of BMI Calculator App**

  Technologies: JavaScript, HTML, and CSS.
  - User-Friendly Interface: Designed a clean layout for seamless user interaction.
  - Responsive Design: Ensured compatibility and optimal performance.

- **Development of Vanguard University Web**

  Technologies: HTML, CSS, 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

WORK EXPERIENCE

- OREL IT - Kadawatha, Western Province — 2019 - 2020
  Associate Image processor

AWARDS

- University Colors - Elle — 2024
- University Merit Winner - Elle — 2023

EXTRA CURRICULAR ACTIVITIES

- Member of university Elle team — 2022-2024
- Faculty Sport committee member — 2022-2025
- National cadet crops training — 2016-2017

REFFERENCE

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