





SHENAL PRASANKA


BICT UNDERGRADUATE


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PROFILE

I am a 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

- WP/GM Galahitiyawa Central College
GCE O/L & A/L 2011-2018
- Rajarata university of Sri Lanka
Bachelor of Information & Communication Technology PRESENT

PROJECTS

- Development of Blood donation camping Web
Developed a full-stack web application for managing blood donation camps using React.js for the frontend, Tailwind CSS for responsive styling, and PHP for backend functionality.
 - 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
Developed an automated ticketing system using React.js for the frontend, Tailwind CSS for responsive design, and OpenCV for OCR-based number plate detection.
 - 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 Todo App
Designed and developed a simple yet functional Todo App using 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 Calculator App
Developed a fully functional Calculator using JavaScript, HTML, and CSS.
 - Basic Operations: Supports addition, subtraction, multiplication, and division.
 - User-Friendly Interface: Designed a clean layout for seamless user interaction.
 - Responsive Design: Ensured compatibility and optimal performance.

- Development of Vanguard University Web
I designed and developed a dynamic university web application featuring user authentication for students and lecturers.
 - 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 for backend logic.

RESEARCH

- Integrated System for Mango Grade and Ripeness Prediction Using Image Processing and IoT Technologies for Supply Chain Stakeholders in Sri Lanka.
- Our research focuses on developing an integrated system to predict mango grade and ripeness stages, leveraging image processing and IoT technologies.

OTHER QUALIFICATION

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| • Certificate course in English | 2019 |
| • Cisco online Courses (JavaScript Essentials) | 2024 |
| • University of Moratuwa (Web Development & Python) | PRESENT |

SOFT SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Critical Thinking

EXTRA CURRICULAR ACTIVITIES

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

TECHNICAL SKILLS

- UI Designing in Figma
- Frontend (React & React-Native)
- Backend (PHP)

WORK EXPERIENCE

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| • OREL IT - Kadawatha, Western Province
Associate Image processor | 2019 - 2020 |
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AWARDS

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| • University Merit Winner | 2023 |
| • University Colors Winner(Nominate) | 2024 |

REFERENCE

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