UDAN PASINDU JAYASEKARA

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PROFESSIONAL SUMMARY

Enthusiastic IT undergraduate with expertise in software development, specializing in React, JavaScript, TypeScript, and full-stack development. I am skilled in building dynamic and responsive web applications with modern front-end technologies. Proficient in Java, C++, and mobile application development, with a strong problem-solving mindset. Passionate about creating user-friendly digital experiences and adapting to emerging technologies. Eager to contribute technical skills and creativity to impactful projects.

SKILLS & FAMILIAR TECHNOLOGIES & TOOL

- **Programming Languages:** Java, Kotlin, Python, R, C, C++
- **Web Technologies:** React JS, Node JS, JavaScript, TypeScript, Html, CSS, PHP
- **Database Systems:** MySQL, MongoDB
- **Concepts:** OOP, DSA
- **DevOps & Version Control:** IntelliJ IDEA, Visual Studio Code, GitHub, Figma, SQL, Android Studio
- **Specialized Area:** Full Stack Development, Mobile Application Development
- **Mathematical & Statistical Tools:** Excel
- **Research Skills:** Data Analysis, Algorithm Design
- **Languages:** English, Sinhala (Native)
- **Soft Skills: Effective** Communication, Time Management, Leadership, Management, Problem-Solving Critical Thinking, Team Collaboration, Adaptability & Flexibility, Creativity & Innovation, Interpersonal Skills, Decision Making

EDUCATION

Sri Lanka Institute of Information Technology   2022-Present

B. Sc (Hons) in Information Technology Specialized in Information Technology (Undergraduate)

- CGPA-2.53

Rahula College Matara

GCE Advance Level (Technology Stream) Index No-2019172   2020

- 1B, 1C, 1S

PROJECTS

Web site for Photographer (Individual) – Ongoing

Designed and developed a professional portfolio website for a photographer using React and TypeScript, ensuring a seamless and visually appealing user experience. The platform showcases the photographer's recent works and albums, allowing visitors to explore high-quality images in an organized manner. Integrated EmailJS to enable direct client communication, making it easier for potential customers to inquire about services or book sessions. The website is optimized for performance and responsiveness, ensuring accessibility across different devices and screen sizes.

- **Technology: React, TypeScript, EmailJS**

- **GitHub Repository:** https://github.com/Udanpasindu/web-site-for-photographer.git

- **Live Demo:** https://web-site-for-photographer.vercel.app/

Website for Restaurant (Individual) - Ongoing

Developed a responsive restaurant website using React and TypeScript, providing a modern and user-friendly interface. Designed an intuitive layout to showcase the restaurant's menu, services, and special offers. Implemented an "Order Now" button that seamlessly directs customers to the restaurant's WhatsApp Business account for quick and easy order placement. Ensured smooth navigation and responsiveness across all devices for an optimal user experience. Focused on performance optimization and a visually appealing design to enhance customer engagement.

- **Technology: React, TypeScript**
- **GitHub Repository**: https://github.com/Udanpasindu/Web-site-for-Restaurant.git

Spice Factory Management System (Group)

Developed a full-featured management system for SAHAN Grinding Mills using the MERN stack to streamline spice production, inventory tracking, and order processing. Designed an intuitive admin dashboard for monitoring stock levels, sales performance, and employee activities in real time. Implemented automated inventory updates and order management to enhance efficiency and reduce manual workload. Integrated secure authentication and role-based access control to ensure data protection and user management. The system improved overall business operations, providing detailed sales reports and optimizing workflow for better decision-making.

- **Technology: MERN Stack (Mongo DB, Express.js, React.js, Node.js)**
- **GitHub Repository**: https://github.com/Udanpasindu/Spice-Management-System.git

Movie ticket Booking web Application (Group)

This web-based application facilitates movie ticket reservations by providing an interactive and user-friendly interface. Users can browse movie schedules, select seats, and complete payments securely online. Admins can manage theaters, update screening schedules, and analyze booking trends through a dedicated dashboard.

- **Technology: HTML, CSS, PHP, MySQL**
- **GitHub Repository**: https://github.com/Udanpasindu/Movie-Ticket-Booking-System.git

E- Channeling web Application (Group)

This web application simplifies the process of booking medical consultations by offering a comprehensive e- channeling system. Patients can search for doctors based on specialty, location, and availability, then book appointments online. Features include automated appointment reminders, an integrated feedback system, and a secure patient history database. Admins can manage doctors, hospitals, and appointment schedules efficiently.

- **Technology: Java, CSS, PHP, MySQL**
- **GitHub Repository**: https://github.com/Udanpasindu/E-Channeling--Site.git

Task Management Mobile Application – ToDo (Individual)

Designed and developed a productivity-enhancing task management application that helps users organize their daily activities. The app allows users to add, edit, categorize, and prioritize tasks. Advanced features include setting reminders, task completion tracking, and filtering tasks based on due dates or categories. The UI/UX design ensures intuitive experience, and local database storage enables offline accessibility.

- **Technology: Kotlin, Android Studio**
- **GitHub Repository**: https://github.com/Udanpasindu/To-Do-App.git

Marketplace Mobile Application –Mobile Seller (Individual)

Created a mobile commerce application that enables users to browse, compare, and purchase mobile phones from a vast catalog. The app features secure payment integration, personalized product recommendations, and an intuitive UI for effortless navigation. Users can create wish lists, track orders or new arrivals. The application also includes an admin panel for product and inventory management.

- **Technology: Kotlin, Android Studio**
- **GitHub Repository**: https://github.com/Udanpasindu/Mobile-Seller-App.git

Gaming Mobile Application –Dice Game (Individual)

Created Developed an interactive dice game that allows users to compete against a computer opponent in a five-round battle. The game logic includes customizable winning score settings (ranging from 50 to 300 points), a real-time score counter, and a turn-based system. The application was designed with an engaging UI and smooth animations for an immersive gaming experience.

- **Technology: Kotlin, Android Studio**
- **GitHub Repository**: https://github.com/Udanpasindu/Dice-game.git

REFEREES

1. **Mrs.Suriyaa Kumari**
   Senior Lecturer SLIIT
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2. **Mr. Sachin Ramesh**
   Senior Software
   Engineer - Internal Apps
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