UDAN PASINDU JAYASEKARA

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PROFESSIONAL SUMMARY

Enthusiastic IT undergraduate skilled in full-stack development with expertise in React, JavaScript, and TypeScript. Experienced in building dynamic, responsive web applications and modern front-end solutions. Proficient in Java, C++, and mobile app development with strong problem-solving abilities. Passionate about crafting user-friendly digital experiences and quickly adapting to new technologies.

SKILLS & FAMILIAR TECHNOLOGIES & TOOL

- **Programming Languages:** Java, Kotlin, Python, R, C, C++
- **Web Technologies:** React JS, Node JS, JavaScript, TypeScript, Spring Boot, 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

CERTIFICATIONS

Cloud Computing Certifications (AWS & Azure)

- **AWS SimuLearn Series:** Computing Solutions · File Systems in the Cloud · Networking Concepts · Connecting VPCs · Highly Available Web Applications · Auto-Healing & Scaling Applications · Databases in Practice · Core Security Concepts (2025)

- **AWS Foundational:** Introduction to Amazon S3 (2025)

- **Microsoft Azure:** Introduction to Azure Virtual Machines · Add & Size Disks · Configure Blob Storage · Configure Virtual Networks · Load Balancer · Virtual Machine Availability Sets (2025)

WORK EXPERIENCE

KEEN SYSTEMS (PVT) LTD l Matara , Sri Lanka   April 2025 - October
Intern Software Engineer (April 2025 - October)

- Developing full-stack applications using React, Node.js, and MongoDB while collaborating with designers and backend teams to deliver scalable, user-centered solutions. Gaining hands-on experience with Agile practices, version control, CI/CD, and writing clean, maintainable code to solve real-world problems.

EDUCATION

Sri Lanka Institute of Information Technology   2022-Present
B. Sc (Hons) in Information Technology Specialized in Information Technology (Undergraduate)

- WGPA-3.0

Rahula College Matara

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

- 1B, 1C, 1S

PROJECTS

- **Dream Destiny Travel Agency – MERN Stack Web Application** -

   Developed a MERN-based full-stack travel management system with admin package management and client features for browsing, booking, and customizing dynamically priced travel packages.

- **Skill-Hive – Skill Sharing Social Platform (Spring Boot)** –

   Developed a React.js–Spring Boot social media app for sharing skills with posts, likes, comments, real-time notifications, and secure user authentication using MongoDB Atlas and Spring Security.

- **Modiano Interior – Portfolio Website** -

   Developed a TypeScript-based static portfolio website for an interior designer featuring project showcases, contact options, Google Maps integration, and deployed public access.

- **Villa Serenity – Hotel Management System - MERN Stack Web Application** –

   Developed a TypeScript-based MERN hotel management platform with secure authentication, dynamic room and booking management, and EmailJS-powered real-time user communication.

- **AuraLink – IoT Air Quality Monitoring System** –

   Developed a full-stack IoT air quality monitoring system using ESP32, Spring Boot, and React.js with MQTT-based real-time sensor data, WebSocket updates, and an automated email alert and statistics system.

- **Spice factory management - MERN Stack Web Application -**

   MERN system automating inventory, orders, authentication, and business operations.