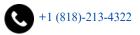
Pasindu Fernando









EDUCATION

 Bachelor's Degree in Computer Science/Software Engineering 	2020-2023
Sri Lanka Institute of Information Technology (SLIIT)	
• Diploma in Information Technology (International)	2019-2020
ESOFT Metro Campus, Sri Lanka	
 General Certificate of Education – Advanced Level (A/L) 	2019 Aug
High School Diploma (College Preparatory), Sri Lanka	
 General Certificate of Education – Ordinary Level (O/L) 	2016 Dec
High School Diploma (General Secondary Education), Sri Lanka	
Advanced Certificate in English Language	2016-2017
National Institute of Business Management (NIBM)	

SKILL SUMMARY

- Languages: Java, JavaScript (React, Node), Python, Marble, C, HTML, CSS
- Databases: SQL, Oracle PLSQL, MongoDB
- Machine Learning: Regression, Natural Language Processing (NLP)
- Version Controls: Bitbucket, Github, Gitlab
- CI/CD Tools: Bitbucket Pipelines
- Soft Skills: Critical Thinking, Problem Solving, Effective Communication, Team Work

WORK EXPERIENCE

Software Engineer IFS R&D International, Mar 2022 – July 2025

- Contributed to the development of the **AI-powered chatbot (IFS Aurena Bot)**, enhancing customer interactions and backend integrations by implementing authorization-related service calls.
- Designed, developed & maintained IFS Cloud Authentication & Autherization, including Standard Permission Sets and Access Control Lists (ACL).
- Contributed to Identity & Access Management (IAM) initiatives using Keycloak & Curity.
- Built and enhanced REST APIs and data access controls to to enhance security, filter validation and import/export workflows.
- Refactored backend Java and PL/SQL code to optimize SCIM provisioning between Azure/Okta
 with IFS Cloud, reducing latency and improving reliability.
- Developed and maintained **SQL queries**, stored procedures and **Oracle DB** objects.
- Collaborated with cross-functional teams to implement the **Digital Signature Service (DSS)**, ensuring signed docs saving without any issues.
- Supported **ERP upgrades**, testing activities and troubleshooting for customers.
- Maintained documentation for technical solutions, processes and workflows.
- Served as Scrum Master, facilitating Agile ceremonies.
- Tested IFS Cloud features, including SQL/PLSQL unit tests and integration tests with Cucumber.
- Supported global clients by handling initial issue resolution, **debugging** and validation.
- Conducted resilience testing using **chaos engineering** (DoS, memory, and network fault injections).
- Improved User Group import/export functionality for enterprise customers.

ENTREPRENEURIAL - DIGITAL MARKETING - AI GEN Z

- Built and managed multiple Shopify & WordPress eCommerce brands, driving sales through SEO optimization, Meta Ads and conversion focused UI/UX.
- Designed and optimized Google Ads & Meta Ads campaigns, achieving measurable ROI.
- Created and monetized Google AdSense websites using AI-assisted SEO structuring and content generation.
- Managed Google Analytics & Search Console to track performance, resolve issues, and optimize conversions.
- Leveraged AI tools (ChatGPT, Gemini, Veo3, Flow) to generate SEO-friendly content, videos, and ad creatives.

RESEARCH PUBLICATIONS

Published Research Paper in International Research Journal of Innovations in Engineering and Technology-IRJIET Journal View paper

- Developed an ML module using Random Forest Regression to predict crop prices for a full year.
- Collected and processed Sri Lankan agricultural datasets for model training and validation.
- Built backend in Python (Flask) and integrated with a React Native mobile app.
- Implemented MongoDB database for scalable data storage and retrieval.

CERTIFICATIONS

- CLA: Programming Essentials in C Cisco Networking Academy
- Certified ScrumMaster (CSM)
- Foundation of Project Management

PROJECTS

- 1. Online Movie Reservation System (Web & Mobile) React, Node, MongoDB, Android Studio Developed cross-platform ticket booking with secure authentication and cloud deployment.
- 2. Online Ticket Booking Management System React, Node, MongoDB, JWT, Heroku Built live reservation platform with REST APIs, JWT authentication, and scalable backend.
- 3. **Inventory Control System** (CASANOVA Pvt Ltd) React, Node, MongoDB Automated stock management with real-time tracking and reporting dashboard.
- 4. **Mobile Application for Vehicle Service Center -** Android Studio, Java, Firebase Designed mobile app for customer service booking, integrated with Firebase for data sync.
- 5. Online Hotel Reservation System Java Servlet, HTML, CSS, JavaScript, MySQL Implemented end-to-end booking system with database-driven room availability management.
- 6. Online Insurance Management System PHP, HTML, CSS, JavaScript, MySQL Developed secure policy and claims management portal with MySQL backend.

REFERENCES

Mrs. Chiranthi Mahadurage PhD Candidate & Researcher University of North Dakota rosikaushalya@gmail.com +1(704) 410-8046 Ms. Minoli Alles Senior Software Engineer IFS R&D International (Pvt) Ltd minoli.alles@gmail.com +94(76) 667-9612