

PASINDU
SANDAMAL
Solution Developer

DETAILS

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REFERENCES

Available on request.

PROFESSIONAL SUMMARY

.Net developer specializing in microsoft dynamics 365 business central ui customization and seamless integration with dynamics 365 tables. Experienced in designing point of sale (pos) systems and connecting them to dynamics 365 through rest apis, with data retrieval and local database management. Continuously adopts new technologies to build faster, smoother, and more reliable solutions. Ultimately, uses a research focused approach to identify system gaps and turn complex challenges into practical, effective solutions.

PROFESSIONAL EXPERIENCE

Solution Developer Softserve Solution (Pvt) Ltd.	SEP 2025 - PRESENT
- Experienced in ui customization & implementation with dynamics 365 business central - Implemented custom applications[standalone desktop application/console application] & connecting them using rest apis with dynamics 365 business central. - Managed data warehouse application using microsoft sql server database. - Design & developed point of sale (pos) application. - Microsoft sql server backup automation. - Validated api endpoints using postman. - Managed version control and collaboration using github. - Familiar Platforms - Microsoft visual studio - Microsoft dynamics 365 business central - Microsoft visual studio code - Microsoft sql server - Postman - Git	
Management Trainee Lanka Corrugated Industries (Pvt) Ltd.	JUNE 2025 - SEP 2025
- Created corrugated industry process documentation covering the full workflow, from sales order entry to printing the aod (advance order dispatch). - Created a flowchart that visually shows how the corrugate process flows. - Provided troubleshooting support for network and related system issues, and guidance for resolving printer and other hardware/peripheral problems.	
PHP Course Instructor Academy Of Giga Nerds	JAN 2025 - JUNE 2025
- Designed and delivered a four-month "php for web development" curriculum, guiding a cohort from beginner fundamentals through to full-stack application development. - Taught advanced mysql database interaction, session management, secure coding practices and object-oriented programming principles. - Directed a comprehensive project-based program culminating in user login systems, and complete crud applications, supported by dedicated git and github version control sessions. - Provided hands-on mentorship, code reviews, and debugging strategies to prepare students for real world development environments.	
Trainee Software Engineer BevyLabs (Pvt) Ltd.	JULY 2024 - JAN 2025
- Design & developed mobile applications using the flutter framework within collaborative agile environments. - Built computer vision app using yolo and researched the application for image processing tasks. - Implemented generative ai features using ollama, and google gemini ai. - Managed version control and team collaboration using git.	

KEY PROJECTS

- Designed & developed point of sale (pos) application to automate retail tasks, designed to reduce manual data entry by over 90% while ensuring reliable transaction lookups with microsoft sql server.
- Developed desktop application to post transaction, payment entries, loyalty customer & loyalty points.
- Designed & implemented real time weight capturing application using mettler toledo scales & post necessary data records into business central using rest apis.
- Implemented booking calendar inside dynamics 365 business central .
- Fixed existing data warehouse solution issues to getting data from dynamics 365 business central more smoothly and store them in microsoft sql server database.
- Implemented & launched a cross platform mobile app integrating google gemini api, achieving over 1,000 downloads by allowing users to instantly generate study aids from images.
- Designed & developed a custom lung cancer detection system using cnn that achieved a 98.55% accuracy rate in classifying lung cancer stages from ct scans, leading to a published research paper on its effectiveness.
- Enhanced existing shrimp counting mobile application using yolo for counting shrimps more accurately.
- Designed & developed virtual science lab using unity and c#.

TECHNICAL SKILLS

- C#, JavaScript Developments
- API Integration for dynamics 365 business central
- Data warehouse Implementation & Management
- SQL Developments & Job automation
- AI Chat bots developments using pre-built ai models /Gemini API
- Version Control

EDUCATIONAL QUALIFICATION

B.Sc. (Hons) Software Engineering

SEP 2021 – DEC 2024

Plymouth University (UK)
2nd Class Upper Division

PUBLICATION

Enhancing Lung Cancer Diagnosis with a Custom-Designed Convolutional Neural Network

Custom CNN classifying lung cancer stages (normal, malignant, benign) from CT scan images.

Link: [Publication Link](#)