

Shashi Salwathura

Software Engineer

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SUMMARY

Results-driven Software Engineer with 2+ years of experience in full-stack web development, ERP (ODOO) development, and API integrations. Proficient in system design, microservices architecture with Java Spring Boot, Angular, and cross-platform mobile development using Flutter. Eager to leverage expertise in agile methodologies, security best practices, and problem-solving to contribute to challenging software development projects in a corporate setting.

PROFESSIONAL EXPERIENCE

Software Engineer, CodeGen International (Pvt) Ltd

Aug 2023 – May 2025

- Designed and developed responsive web applications using Angular and microservices using Java Spring Boot, contributing to a 60% faster feature deployment cycle through Agile sprints.
- Delivered key functional enhancements to the TravelBox (Booking Summary, Agent Commission Module, Search filters (client ID/postcode), margin visibility, profit indicator logic, etc.) improving booking process efficiency by 40%.
- Led the enhancement of product-wise margin configurations with DB scripts and streamlined cancellation flows.
- Solved 50+ critical production/UAT issues across booking, traveler management, commission modules, and cancellation workflows, ensuring platform stability and data integrity with 99% uptime.
- Built and tested 100+ REST APIs (JSON/XML) for internal and third-party integrations, utilizing automated testing with Postman, supported system upgrades, contributing to a 25% reduction in integration errors.
- Managed Maven dependencies and handled package deployment/release management, accelerating release cycles by 20%.
- Configured and customized Odoo ERP modules (v16, v17) using Python (backend) and XML/JavaScript (frontend), leading to a 70% improvement in operational efficiency.
- Automated workflows, email notifications, document templates (PO/DO/invoices) and other triggers, reducing manual processing time by 90%.
- Defined ETX-specific product categories, user roles, permissions, and job positions; enhanced detailed process flow diagrams (ETX, GRN, Sales, Asset) to standardize operations reduce training time by 80%.
- Managed the Odoo project roadmap and resolved 100+ key system bugs and enhancement requests.
- Collaborated within Agile sprints using Jira and contributed to CI/CD pipelines on GitLab and GitHub, increasing release frequency by 60% and maintained detailed technical documentation (SD).

Tech Stack: Java, Spring Boot, Maven, Angular, MySQL, JS, XML, Python.

Trainee Software Engineer, CodeGen International (Pvt) Ltd

Feb 2023 – Jul 2023

- Designed and implemented the MyBills mobile app using Flutter to facilitate efficient petty cash handling and transactions, increasing reporting accuracy by 50%, and supporting over 100 daily transactions.
- Built a real-time finance web portal (Angular) that empowered executive decision-making, reducing report preparation time by 30%.
- Integrated Java Spring Boot back-end with RESTful APIs to support mobile and web functionalities.
- Optimized frontend/backend performance, and improved UI/UX for enhanced user experience and accessibility.
- Secured data using an encrypted MySQL database management system, ensuring compliance with privacy and security standards.
- Played a key role in deployment and collaborative development by utilizing GitLab for CI/CD workflows, version control, and branching strategies.
- Deployed and maintained the mobile app on both the Google Play Store and the Apple App Store.
- Assisted in the successful Java 17 migration.

Tech Stack: Java, Spring Boot, Angular, Flutter, MySQL.

EDUCATION

University of Moratuwa, Bachelor of Information Technology	Apr 2019 – Sep 2023
IDM Achievers International Campus, Diploma in ICT & Computing Distinction	Dec 2018 – May 2019
Sacred Heart Convent-Galle	Jan 2004 – Dec 2018

PROJECTS

Movie Ticket Booking System for EAP films & Theaters (Pvt) Ltd

C#, HTML, CSS, SQL

Online Web-Based Pizza Ordering System for WPS Pizzeria

PHP, HTML, CSS, MySQL

Online Veterinary System for PawVet

PHP, HTML, CSS, JS, bootstrap, MySQL

eTravelly Web App

Java, Spring Boot, Angular, MySQL

QuizNet - Exam portal

Java, Spring Boot, React, JS, MySQL

TODO Task App

Java, Spring Boot, React, JS, MySQL

Homyz - Real Estate Web App

MERN stack (MongoDB, Express.js, React, Node.js)

TECHNICAL SKILLS

Programming Languages: Java, Python, PHP, C#

Frontend: Angular, React, JavaScript, HTML, CSS

Backend: Spring Boot, Node.js

Mobile: Flutter

Database Technologies: MySQL, PostgreSQL, MongoDB

IDEs: VS Code, IntelliJ IDEA, Eclipse, NetBeans, Android Studio, WebStorm, PyCharm

Tools & Platforms: GitLab, GitHub, Jira, Postman, Maven, Odoo.sh, RESTful APIs, CI/CD

Other: XML, Data Structures, Algorithm Design, Software Architecture, ERP(Odoo) Development, System Design, API Development, Microservices Architecture

ADDITIONAL INFORMATION

Certifications & Courses: Project/Product Management Frameworks & Methods MasterClass (Udemy), Accounting and auditing with artificial intelligence-Odoo 17 (Udemy), Python: From Zero to Hero - Code Your Way to the Top (Udemy), Software Architecture (Udemy), Succeeding in Web Development: Full Stack and Front End (LinkedIn)

Interpersonal Skills: Problem-Solving, Critical Thinking, Project Management, Time Management, Teamwork & Leadership, Desire to Learn

Extra Curricular Activities: Badminton Player in CodeGen, Goal Shooter (GS) in School Netball Team, Member of the School Athletic Team, Member of the School Science Society

Languages: Sinhala, English

REFERENCES

S.A.S. Dinuka, Technical Lead - Sysco Labs, dinukasal@gmail.com, +94 71 469 7757

Tharindu Nadeeshan Dharmakeerthi, ERP Functional Consultant - Hatchyard Pvt Ltd, tharinduway@gmail.com, +94 77 572 3908