PASAN ABEYWARDHNA

UNDERGARTUATE SOFTWARE ENGINEER

No 178 Kandy Road. Matale | +94 76 075 58 47

psn69.2001@gmail.com | in/pasanabeywardhna | pasansademina./myPortfolio/

EDUCATION

Java Institute Advance Technology | Colombo, LK

Bachelor of Software Engineering | **Expected 2026**

Relevant Coursework: Software Engineering; Database Management; Web Technologies; Mobile Development

St. Thomas College | Matale, LK

G.C.E Advanced Level - Technology Stream | **2020**

Results: B in Science for Technology (SFT), C in ICT, C in Engineering Technology

WORK EXPERIENCE

GLOBAL SYSTEM SOLUTIONS INTERNATIONAL (PVT) LTD | Colombo, LK

Data Entry Operator Production| **Jun 2022 - Dec 2024**

Collaborated with cross-functional teams across 3 time zones to optimize digital workflows, improving operational efficiency by 30%

CERTIFICATIONS

Cloud Computing Fundamentals | IBM SkillsBuild | **2025**

- **Credential ID: 731635cf-d4b5-40a8-9d83-ed0ae3a44bb2**
- Demonstrated knowledge of cloud services, deployment models, and virtualization
- Gained understanding of cloud orchestration, security, and business benefits
- Developed skills in container creation, web app deployment, and cloud security analysis
- Acquired awareness of cloud computing career opportunities and required skills

Python & Web Programming | Open University Moratuwa   **2025**

UNIVERSITY PROJECTS

CHAT APPLICATION   **Sep 2025**

- eveloped full-stack real-time chat application using React Native frontend with Java backend and REST API architecture
- Implemented MySQL database for user management, message storage, and chat history with optimized query performance
- Utilized NativeWind for responsive mobile UI design and cross-platform compatibility (iOS/Android)
- Built RESTful API services for user authentication, real-time messaging, and data synchronization

FRESH MART E-COMMERCE BACKEND | **Feb 2024**

- Designed a scalable grocery platform backend using Java and Hibernate with integrated payment gateway
- Implemented comprehensive product management system with MySQL database achieving 98% uptime performance

MYSTYSHOP POS SYSTEM | **Nov 2023**

- Developed full-stack Point of Sale system with custom Java UI components and real-time inventory tracking
- Created automated invoicing system with MySQL integration, reducing transaction processing time by 40%
- Utilized JasperStudio for automated report generation including Invoice, sales reports, inventory analytics, and financial summaries

AQUA.LK E-COMMERCE WEBSITE | **Aug 2023**
- Designed responsive e-commerce platform using PHP, JavaScript, HTML, CSS with mobile-first approach
- Implemented secure shopping cart and checkout system utilizing advanced CSS techniques and database optimization
- integrated payment gateway

ACTIVITIES

SOFTWARE DEVELOPMENT PROJECTS | Matale, LK | **Sep 2023 - Present**
- Founded comprehensive portfolio of 5 major software projects including e-commerce platforms and automation systems
- Delivered custom PC Shop automation system for real client, reducing manual processes by 70% and improving inventory accuracy

CM Computer Shop Automation Software | Client Project | **2024**
- Developed comprehensive Java-based management software for small to medium-sized computer shop client using NetBeans IDE and MySQL database
- Implemented modular system architecture covering sales automation, inventory management, repair tracking, HR operations, accounting, and customer support
- Utilized JasperStudio for automated report generation including sales reports, inventory analytics, and financial summaries
- Built scalable and secure JavaFX/Swing GUI interface with role-based access control and data encryption
- Successfully delivered system that streamlined client operations with real-time inventory updates, automated billing, and integrated customer management

TECHNICAL SKILLS

- **Programming Languages:** Advanced in Java, NetBeans, MySQL, JavaScript, TypeScript, React Native, HTML/CSS; Proficient in PHP, SQL, Git, JavaFX, Swing
- **Reporting & Tools:** JasperStudio, Report Generation, Business Intelligence
- **Cloud Technologies:** Cloud Computing Fundamentals, Virtualization, Container Deployment, Cloud Security
- **Currently Learning:** MERN Stack, Android Development, Python , AWS , FireBase
- **Languages:** Fluent in Sinhala, English; Professional Proficiency in English