KAVEESHA SANDEEPANI

SOFTWARE ENGINEERING UNDERGRADUATE

[Linked In](#)   [Github](#)   kaveeshasandeepani027@gmail.com   +94 71 360 8527   Malabe, Sri Lanka

PROFILE

Software engineering undergraduate at SLIIT (Year 3 Semester 1) with hands-on experience in full stack web and mobile development. Proficient in OOP, data structures, algorithms, and MERN technologies, with developing knowledge in AI and machine learning. Strong interest in building intelligent software solutions and contributing to scalable, well-designed systems.

SKILLS

- **Backend -** Node.js, Express.js, Java EE (JSP/Servlets), RESTful API Development
- **Frontend -** React.js, JSP, HTML, CSS, Tailwind CSS, Bootstrap, JavaScript
- **Databases -** MongoDB Atlas, MySQL, SQL server
- **Programming Languages -** Java, JavaScript, PHP, Python, C, C++, Kotlin
- **Version Control &Deployment -** Git, Github, Apache Tomcat
- **Tools & Utilities -** Postman, XAMPP, PhpMyAdmin, VS Code, Figma, Canva, ClickUp, Agile Scrum

EDUCATION & CERTIFICATIONS

BSc (Hons) in Information Technology Specialized in Software Engineering   **2022 - 2027**
Sri Lanka Institute of Information Technology (SLIIT) | **CGPA – 3.79**
- Dean's List – year 2 Semester 2 (GPA - 3.84)
- Dean's List - year 2 Semester 1 (GPA - 3.94)
- Dean's List - year 1 Semester 1 (GPA - 3.8)

GCE Advanced Level Examinations   **2022**
Newstead Girls' College, Negombo
- Physical Science Stream | Combined Mathematics - C, Chemistry - C, Physics - C

GCE Ordinary Level Examinations   **2018**
Newstead Girls' College, Negombo
- 9A's

Python for Beginners   **2025**
CODL University of Moratuwa | Code: MMGCjN1gSH | 🔗 [verify certificate](#)

React (Basics)   **2025**
Hackerrank | 🔗 [certificate](#)

KEY PROJECTS

Smart Residential Management System (Livora)   🔗 [Github](#)   **Aug 2025 – Oct 2025**
Technologies : Node.js | React.js | MongoDB | Express.js | Tailwind CSS | REST APIs | qrcode | nodemailer
- Built a complete Parcel Management Module enabling security officers to record and track parcels for large apartment complexes where delivery personnel are not allowed inside.
- Implemented automated email and in-app notifications generating a unique QR code for residents when a parcel arrives.
- Designed a QR-based parcel collection workflow: scanning reveals parcel ID, storage location, and validates the rightful resident for secure handover.
- Added pending parcel reminders using in-app alerts for parcels not collected within a defined timeframe.
- Developed monthly parcel log PDF downloads for security staff using server-side PDF generation.
- Enabled admins to monitor real-time parcel analytics, improving visibility and operational efficiency.

Movie Browsing Web Application (MovieSphere)   🔗 [Github](#)   **Dec 2025**
Technologies : React | tailwind CSS
- Built an interactive and responsive user interface using React.js and component-based design.
- Integrated real-time search functionality and genre filtering to enhance user experience.

- Managed state effectively for seamless navigation and data rendering.
- Designed clean, user-friendly layouts to display movie information, ratings, and posters.
- Focused on UI/UX design principles for an engaging browsing experience.

Online Vehicle Service and Fuel Station Management System (AutoHub) 🔗 **Github**   **Mar 2025 – May 2025**
Technologies : Java | JSP | Servlets | MySQL | Apache Tomcat | Bootstrap
- Developed a role-based Java web application to streamline vehicle service management, fuel station operations, and customer service bookings.
- Implemented the Service Booking CRUD module as the core feature, enabling customers to schedule, update, and manage vehicle service appointments.
- Applied Object-Oriented Programming (OOP) principles including encapsulation, inheritance, and polymorphism to ensure maintainable and scalable code.
- Implemented Role-Based Access Control for multiple user roles (Customer, Admin, Service Manager, Fuel Station Manager).
- Structured the application using the MVC architecture, separating business logic, controllers, and presentation layers.
- Integrated authentication and user registration with secure session handling.
- Applied Singleton design pattern to enhance system scalability and code organization

Android Wellness and Habit Tracker (Habitly) 🔗 **Github**   **Sep 2025**
Technologies : Kotlin | XML | Shared Preferences
- Enabled habit creation, progress tracking, editing, and deletion with intuitive UI flows.
- Added hydration reminders and notification scheduling for daily habits.
- Integrated mood tracking with weekly visual reports and graphs.
- Displayed analytics like weekly habit consistency with visual feedback.
- Implemented profile personalization and local data persistence using Shared Preferences.

Online App Store (AppPlus) 🔗 **Github**   **Aug 2024 – Oct 2024**
Technologies : PHP | MySQL | HTML | CSS | JavaScript | XAMPP | PhpMyAdmin
A full-stack web application that serves as an online app store with user authentication, application browsing, inquiry and feedback management, and app rating features.
- Implemented the Inquiry Management CRUD module, allowing users to submit, view, update, and delete inquiries related to applications.
- Designed backend logic and database interactions to ensure accurate inquiry tracking and management.

VOLUNTEER EXPERIENCE

Volunteer – Logistics & Event Operations
SEDS SLIIT | Mar 2025 - Sep 2025
- Supported logistics coordination and venue preparation for Prominence'25, ensuring smooth event execution.
- Collaborated with cross-functional teams to manage event workflows under time constraints.

Volunteer – SLIIT Convocation 2025
Sri Lanka Institute of Information Technology (SLIIT) | Oct 2025
- Assisted with event operations, guest coordination, and crowd management during the university convocation ceremony.

REFERENCE

- Available upon request