

# Pamuthu De Silva

## Undergraduate at SLIIT

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🌐 Pamuthu De Silva 🔄 Pamuthu-De-Silva



### Profile

As a dedicated Software Engineering undergraduate, I am enthusiastic about using technology to tackle real-world challenges. My strong foundation in software engineering principles is complemented by my skills in web and mobile app development. I thrive in dynamic learning environments and am always eager to expand my knowledge and take on new challenges. My passion for continuous improvement drives me to contribute effectively to innovative projects.

### Education

**BSc (Hons) in Information Technology Specializing in Software Engineering,** 2022 Oct – present  
*Sri Lanka Institute of Information Technology (SLIIT)* [🔗](#) Malabe  
Cumulative GPA: 2.73

**GCE A/L (General Certificate of Education, Advanced Level), Physical Science** 2013 – 2021  
**Stream with Information Technology, Prince of Wales' College** [🔗](#) Moratuwa

### Technical Skills

HTML | JS | CSS | PHP | Angular | Spring Boot (JAVA) | SQL | mongo DB | Express JS |  
React JS | Node JS | Kotlin

### Skills

#### Problem-Solving:

Developed efficient solutions in programming projects.

#### AI Collaboration:

Collaborated with AI tools to develop better solutions efficiently

#### Adaptability:

Quickly learned new programming languages and frameworks.

#### Team Collaboration:

Collaborated with team members on various coding assignments.

### Languages

- Sinhala Native
- English (fluent)

### Certificates

#### Productivity with Generative AI [🔗](#)

issued by Microsoft

#### Programming in Python [🔗](#)

issued by University Of Moratuwa

#### Career Essentials in Business analyst [🔗](#)

issued by Microsoft & LinkedIn

#### Career Essentials in Software Developer [🔗](#)

issued by Microsoft

## Co-curricular Activities

**Member, Science society (2018-2021)**

Prince of Wales College, Moratuwa

**Member, Computer Society**

Prince of Wales College, Moratuwa

## Projects

### **Tourlink - Tourism Management Web Application(Spring Boot - Java , Angular ,MySQL)**

Collaborated with a team to develop a web application for tourism management, featuring a **freelance work model** for tour guides and drivers. Utilized **Spring Boot (Java)** for the backend, **MySQL** for the database, and Angular for the frontend. Implemented **advanced security features** using Spring Framework's web configurations and security protocols to ensure data integrity and user protection.

### **Food Ordering Web Application(Spring Boot - Java, React, MySQL)**

Developed a dynamic food ordering web application utilizing Spring Boot (Java) for the backend, React.js for the frontend, and MySQL for database management. Integrated Stripe for secure payment processing and styled the interface using Tailwind CSS. The application allows users to browse menus, place orders, and make payments seamlessly.

### **Real Estate Agency Web Application (MongoDB , Express JS , React JS , Node JS)**

Developed a real estate agency web application using the MERN stack (MongoDB, Express.js, React, Node.js). The project includes features such as a real-time chatting system and user authentication to enhance user engagement and security.

### **Texxas - Online Clothing Shopping Store (HTML , CSS , Java Script , PHP ,MySQL)**

Developed an online shopping store using **HTML**, **CSS**, and **JavaScript** for the frontend, with PHP and MySQL for the backend. Utilized **AJAX** to enhance user interactions and ensure seamless updates without page reloads. The application features user authentication, product catalog management, and shopping cart functionality.

### **Bricks - Android Mobile game (Kotlin , Android Studio)**

Developed an engaging Android game called "Bricks" using **Android Studio** and **Kotlin**. The game features intuitive touch controls, multiple difficulty levels, and dynamic sound effects for an immersive experience. High scores are tracked and stored using SharedPreferences, encouraging players to beat their personal bests.

### **TODO APP - Android Task Management Application (Kotlin , Android Studio)**

Developed a "Notes" Android mobile app for CRUD operations using **Kotlin** and **Android Studio**. Implemented **Kotlin coroutines** for efficient **asynchronous operations**, following the **MVVM architecture** for a clean and maintainable codebase. Utilized **Room database** for local data storage and management.

## References

**DR. kalpani manathunga**, *Head*, Department of Software Engineering, SLIIT

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**Eng. Tharindu De Silva**, *Telecom Engineer*, Dialog Axiata

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