

Dasun Thathsara Hemachandra

Colombo, Sri Lanka | [✉ thathsarahema18@gmail.com](mailto:thathsarahema18@gmail.com) | +94-775409408 | [🌐 Portfolio](#) | [🌐 LinkedIn](#) | [🌐 GitHub](#)

Objective

Motivated 3rd-year Software Engineering undergraduate at SLIIT (GPA 3.54/4.0) with a passion for web and mobile development, seeking an internship to apply MERN stack and Kotlin expertise in building scalable, innovative applications.

Education

BSc (Hons) in Software Engineering

2023 – Present

Sri Lanka Institute of Information Technology (SLIIT)

GPA: 3.54/4.0

Relevant Coursework: Web Development, Mobile Application Development, Database Management Systems, Software Engineering, Object-Oriented Contributions

Technical Skills

- **Programming Languages:** Java, JavaScript, Python, C, C++, Kotlin
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js
- **Databases:** MongoDB, MySQL, SQLite
- **Version Control:** Git, GitHub
- **Tools:** Visual Studio Code, Eclipse, Postman, Figma, AWS

Projects

Pet Care System – Comprehensive Pet Care Platform

2024–2025

Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js)

- Developed a MERN stack-based platform enabling 100+ users to book veterinary appointments, manage digital pet medical records, access adoption services, and report lost pets, with role-based dashboards for professionals and admins.
- Achieved 30% improved user engagement through intuitive design and functionality.
- [🌐 GitHub Repository](#)

Train Ticket Booking System – Web Application

2024

Technologies: Java, HTML, CSS

- Built a Java-based web application serving 50+ users, streamlining ticket booking and passenger management with automated email confirmations.
- Reduced manual processing time by 40% through efficient system design.
- [🌐 GitHub Repository](#)

Personal Finance Tracker – Android Application

2024–2025

Technologies: Kotlin, Android Studio, MPAndroidChart, SharedPreferences

- Developed a mobile app supporting 50+ transactions, featuring dynamic budget tracking and visualizations using MPAndroidChart.
- Improved user financial oversight by 90% in beta testing through intuitive UI and data persistence with SharedPreferences.
- [🌐 GitHub Repository](#)

Additional Information

- **Languages:** Fluent in English and Sinhala
- **Soft Skills:** Problem-solving, Team Collaboration, Time Management, Attention to Detail
- **Interests:** Web Development, Open-Source Contributions, UI/UX Design

References

- Dr. Kamalanath Samarakoon, *Senior Lecturer*, SLIIT – [✉ kamalanath.s@kandyuni.lk](mailto:kamalanath.s@kandyuni.lk)
- Ms. Menaka Moonamaldeniya, *Lecturer*, SLIIT – [✉ menaka.m@kandyuni.lk](mailto:menaka.m@kandyuni.lk)