



## CONTACT

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## EDUCATION

- 1. Sri Lanka Institute of Information Technology (2023-Present)**
  - BSc (Hons) in Information Technology Specialising in Information Technology
  - CGPA: 3.2 / 4.0
- 2. Maliyadeva College, Kurunegala (2006-2019)**
  - O/L-A5, B2, C2
  - A/L-C1, S2 (Maths stream)

## SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

# DHARANA THILAKARATHNE

## PROFILE

I am a 3rd-year undergraduate student at SLIIT, pursuing a BSc (Hons) in Information Technology. I have hands-on experience in full-stack development using the MERN stack, as well as Java, PHP, and Spring Boot, along with a strong knowledge of databases, APIs, and UI design. Passionate about building user-focused applications, I'm eager to contribute as a software engineering intern and gain real-world industry experience.

## PROJECTS

- **VEHICLE MANAGEMENT SYSTEM**  
(Associated with SLIIT)
  - Developed a web-based Vehicle Management System using PHP, MySQL, HTML, CSS, and JavaScript.
  - Implemented secure admin login, CRUD operations, and customer booking features.
  - Ensured data reliability and smooth user experience through efficient database and UI design.

Technologies: PHP | MySQL | HTML | CSS | JavaScript
- **EXPENSE TRACKER**  
(Associated with SLIIT)
  - Designed and developed a full-featured expense tracking application that helps users manage their daily financial transactions.
  - Implemented Room Database on top of SQLite for secure and efficient local data management.
  - Supported CRUD operations for income and expenses with real-time updates.
  - Integrated data visualization (pie charts/bar charts) to display category-wise spending patterns.

Technologies: Kotlin, SQLite | Room Database, Android Studio, XML, MVVM architecture | LiveData, ViewModel, RecyclerView.
- **AGRICULTURE MANAGEMENT SYSTEM**  
(Associated with SLIIT)
  - Built a full-stack Agriculture Management System (MERN) to streamline crop, farmer, and sales management processes.
  - Integrated JWT authentication, RESTful APIs, and real-time data tracking for improved system efficiency.
  - Developed a modern, responsive interface with React and Material UI to enhance user experience and accessibility.

Technologies: MongoDB | Express.js | React.js | Node.js

## CERTIFICATES

1. MongoDB Atlas Administrator Path—MongoDB
  - Skills: MongoDB, Database Management, Database Design
2. MongoDB Atlas Backup & Recovery — MongoDB
3. MongoDB Atlas Security—MongoDB
4. Python Programming—University of Moratuwa
  - Skills: Python, Git, GitHub, Machine Learning
5. SQL (Basic)—HackerRank
  - Skills: MySQL, Database Queries
6. SQL (Advanced)—HackerRank Campus Club, AUFS
7. SQL (Intermediate)—HackerRank
8. Python for Beginners—University of Moratuwa

## REFERENCES

Dr. Samantha Rajapaksha Head Department of Information Technology, Faculty of Computing, SLIIT, samantha.r@sliit.lk, +94714121097	Ms. Kaushalya Rajapakse Lecturer Department of Information Technology, Faculty of computing SLIIT kaushalya.r@sliit.lk +9476620692
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