



CONTACT

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EDUCATION

- Sri Lanka Institute of Information Technology (2023-Present)
 - BSc (Hons) in Information Technology Specialising in Information Technology
 - CGPA: 3.2 / 4.0
- 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

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

REFERENCES

Dr. Samantha Rajapaksha	Ms. Kaushalya Rajapakse
Head	Lecturer
Department of Information Technology, Faculty of Computing,	Department of Information Technology, Faculty of computing
SLIIT,	SLIIT
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