# Malith Jayasinghe

## Software Engineer

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📍 Kurunegala, Sri Lanka  🔗 Portfolio  in Linkedin  ○ Github

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## Profile

Software Engineering graduate from SLIT with hands-on experience in ful-stack development. Proficient in Spring Boot, MERN stack, Laravel with a strong foundation in OOP concepts, database management, and secure application deployment. Experienced in microservices architecture, cryptography, and machine learning implementations. Seeking an Associate Software Engineer position to contribute to innovative software solutions.

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## Professional Experience

**Intern Software Engineer,** *One Billion Technology*          04/2025 - Present | Colombo
- Working on microservices-based application using Spring Boot and React.js, improving system scalability and maintainability Implemented Git workflows for version control and managed project tasks through Jira in an agile development environment Technologies: Spring Boot, React.js, Git, Jira, Microservices, Bitbucket, Postman

**Intern Software Engineer,**          02/2024 - 10/2024 | Colombo
*Softmint Software Solutions (PVT) LTD*
- Optimized SQL queries and improved database performance. Specialized in creating scalable and secure backend services using Laravel, focusing on database management and API integration.

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## Education

**BSc (Hons) in Information Technology specialzing in**          2021 - 2025 | Malabe
**Software Engineering,** *SLIIT*

**GCE Advanced Level (A/L) - Physical Science Stream,**          2020
*Maliyadeva College*

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## Technical Skills

**Programming Languages**
Java, JavaScript, PHP, C, C++, C#, Python

**Backend Technologies**
Spring Boot, Node.js, Express.js, Laravel

**Version Control**
Git, GitHub, Bitbucket

**Cloud Platforms**
AWS(EC2,S3 Bucket), DigitalOcean

**Machine learning and Deep Learning**

**Frontend Development**
ReactJS, NextJS, HTML 5, Tailwind CSS, Bootstrap

**Database Management**
MySQL, MongoDB, MSSQL, Firebase

**Development Tools**
IntelliJ IDEA, Visual Studio, Docker, CI/CD (GitHub Actions), Postman, Swagger, Figma

**Testing & QA**
Manual Testing, API testing

# Projects

**Spaces Booking Platform (Millionspaces),**                                04/2025 - Present
*Associated with One Billion Technology*
React | Spring Boot | MongoDB | Bitbucket | Postman.
MillionSpaces is comprehensive coworking spaces booking platform. I am working as full stack developer utilizing Spring Boot, React, and MongoDB, with cloud deployment and management on AWS

**Stores Management System,**                                              11/2024 - present
*Associated with Survey department of Sri Lanka*
Laravel | Filament | MySql
Collaborated on the development of a comprehensive system to manage procurement, tenders, employees, and equipment across the country. The system streamlined operations by centralizing data, improving transparency, and ensuring efficient resource management for the department.

**Blockchain based e-voting system,**                                      08/2024 - 06/2025
*Group Research Project*
Blockchain | NextJs | MongoDB | Machine Learning | Homomorphic encryption | Docker
My final year research focuses on ensuring secure voting and data integrity using homomorphic encryption for encrypted vote tabulation and blockchain for verifying vote integrity

**Chat bot,** *Personal Project*                                          04/2025 - 05/2025
RAG | LLM | Langchain
This chatbot is designed to answer questions based on lecture notes, making it a useful study companion. Used RAG with LangChain to connect an LLM with a document retrieval system. The bot pulls relevant info from course materials to give accurate answers - pretty handy for studying.

**Tour management system,**                                                04/2024 - 08/2024
*Associated with Softmint Software Solutions (PVT) Ltd*
Laravel | React | MySQL
Contributed to the development of a centralized admin panel for managing hotel, activity, and tour bookings, resulting in streamlined operations. Integrated the custom admin panel with the existing WordPress Advanced Database Structure, ensuring seamless data synchronization and comprehensive management capabilities for booking records.

# Soft Skills

**Teamwork**
Worked effectively with others using Git, Agile, and Scrum.

**Problem-Solving**
Able to identify issues, analyze root causes, and implement practical solutions.

**Adaptability**
Quick to learn and adjust to new tools, technologies, and environments.

**Time Management**
Managed studies and projects by setting clear priorities.

# References

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