

Nadun Bandara

Full Stack developer - Undergraduate

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Professional Summary

Undergraduate IT student with hands-on experience in building full-stack applications using MERN and Java Spring Boot. Skilled in developing REST APIs, responsive front-end interfaces, and database-driven solutions. Completed multiple real-world projects including a financial management system, AI chatbot, and inventory management system. Passionate about solving practical problems and eager to contribute as a Full Stack Developer Intern.

Education

Bachelor of Science Honours in Information Technology

(2022 - 2026)

Sri Lanka Institute of Information Technology (SLIIT)

Technical Skills

- **Programming Languages** : JavaScript, Java, SQL, PHP
- **Databases** : MongoDB, MySQL, Oracle
- **Frameworks & Libraries** : React.js, Express.js, Spring Boot
- **Runtime environment** : Node.js, JVM
- **Core Concepts** : OOP, DSA, SDLC, DBMS
- **Tools & Platforms** : GitHub, Postman, Excel

Projects

Financial Management System for Tea Factory - MERN Stack

- Built a web app to track transactions, expenses, and reporting for a tea factory.
- Reduced manual accounting work and improved accuracy using MongoDB, Express.js, React.js, Node.js.

Rule-Based AI Chatbot for Tea Disease Diagnosis - MERN Stack

- Designed chatbot to diagnose tea leaf diseases based on color input (red, yellow, etc.).
- Delivered instant prevention tips using a fixed rule-based logic.

Social Interaction Features in Skill Sharing Platform - Spring Boot, React, MongoDB

- Implemented like, comment, follow/unfollow features for a learning platform.
- Developed RESTful APIs with Spring Boot and integrated with MongoDB.

Inventory Management System for Dental Clinic - MERN Stack

- Created a full-stack system for a dental clinic to track medical supplies and equipment.

Soft Skills

- Problem-solving & critical thinking
- Team collaboration & communication
- Quick learner with adaptability
- Time management & prioritization