

Gamindu Kalmadu

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Summary

Undergraduate Software Engineering student with a focus on Full-Stack and Backend development, proficient in modern frameworks including React, Next.js, Java, and Spring Boot. Actively gaining hands-on experience by building real-world applications such as dynamic web platforms, academic projects, and UI driven solutions while strengthening practical skills in database management and API development. Dedicated to writing clean, efficient code and utilizing robust problem-solving skills. Passionate about continuous learning and contributing immediately to innovative and meaningful team projects.

Education

Sri Lanka Institute of Information Technology

BSc (Hons) in IT (Specialising in Software Engineering)

Nov 2023 – Present

- Maintained a CGPA of 3.0 out of 4.00

Skills

- Backend:** Java Servlets, Java, Spring Boot (Beginner), Spring MVC, RESTful APIs, Express, Node.js
- Frontend:** React, Next.js, Tailwind CSS, TypeScript
- Database:** MongoDB, MySQL (with knowledge of SQL Server / T-SQL)
- Other Technologies:** RESTful APIs (Beginner), Linux CLI, Git CLI, GitHub, Version Control, Postman, Swagger, microservices

Projects

Clinexa — Smart Healthcare Microservices System

Jan 2026 - May 2026

(Spring Boot, React, Docker, MySQL, JWT, Microservices, SMTP, Twilio)

- Developed the patient management and notification microservices within a containerized architecture, integrating Twilio and SendGrid APIs for automated alerts, implementing secure role-based access control, and bridging a React frontend with backend services using an Nginx reverse proxy.

Bazaro - Hyperlocal Marketplace Platform

Jan 2026 - May 2026

(React, Next.js, Node.js, Express, TypeScript, MongoDB, Tailwind CSS, OpenAPI (Swagger), Twilio)

- Developed a full-stack hyperlocal marketplace featuring secure role-based access control, admin moderation, and automated listings. Integrated real-time Socket.IO notifications and strict data validation across self-documenting RESTful API endpoints

CeylonBrew Plantation Management System

Jul 2025 - Oct 2025

(Next.js, TypeScript, Tailwind CSS, Spring Boot, MySQL, Postman (Test), JWT, Hibernate)

- Developed a full-stack Tea Plantation Management System with secure role based access, integrating invoice management and real time analytics. Implemented an AI module for critical tea plant disaster management and streamlined supplier buyer workflows.

Certification

- Full stack development Course – University of Moratuwa