

GAMINDU KALMADU

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PROFESSIONAL SUMMARY

Software Engineering undergraduate with hands-on experience developing full-stack web applications using Java, Spring Boot, Node.js, Express, React, Next.js, and TypeScript. Experienced in building RESTful APIs, microservices-based applications, secure authentication and role-based access control, with practical knowledge of MySQL and MongoDB. Familiar with Docker, Nginx, Git, Swagger, Socket.IO, and modern development workflows through multiple academic and personal projects. Seeking a Software Engineering internship where I can contribute to real-world development while continuing to strengthen my backend and full-stack engineering skills.

TECHNICAL SKILLS

Languages & Frameworks: Java, Spring Boot, Node.js, Express, React, Next.js, TypeScript

Web & Databases: HTML/CSS, Tailwind CSS, MongoDB, MySQL, SQL Server, RESTful APIs

Tools, Architecture & DevOps: Microservices, Docker, Nginx, Git, Postman, Swagger, Socket.IO, Linux CLI, JWT

AI-Assisted Development: GitHub Copilot, ChatGPT, Claude AI, Gemini, Cursor, Antigravity

PROJECTS

Clinexa — Smart Healthcare Microservices System | *Spring Boot, React, Docker, MySQL, JWT, Nginx, Twilio, SendGrid* | Jan 2026 – May 2026

[GitHub Repository](#)

- Engineered patient management and notification microservices using a containerized, Docker-based architecture for independent scalability.
- Integrated Twilio and SendGrid APIs to automate real-time SMS and email alerts for appointment and health notifications.
- Implemented role-based access control (RBAC) security and configured an Nginx reverse proxy for secure, load-balanced service routing.

Bazaro — Hyperlocal Marketplace Platform | *React, Next.js, Node.js, Express, TypeScript, MongoDB, Tailwind CSS, Swagger, Socket.IO* | Jan 2026 – May 2026

[GitHub Repository](#)

- Developed a full-stack marketplace platform with role-based access control and an admin moderation dashboard.
- Implemented real-time order and chat notifications using Socket.IO to enhance buyer-seller engagement.
- Designed self-documenting RESTful APIs with OpenAPI/Swagger to streamline frontend-backend integration.

CeylonBrew — Plantation Management System | *Next.js, TypeScript, Tailwind CSS, Spring Boot, MySQL, Postman, JWT, Hibernate* | Jul 2025 – Oct 2025

[GitHub Repository](#)

- Built a full-stack plantation management system featuring invoice tracking and real-time analytics dashboards.
- Developed an AI-assisted module to support early detection and management of tea plant diseases.
- Designed secure REST APIs with JWT authentication and Hibernate ORM for efficient data persistence.

FlexiRide — Vehicle Rental System | *Java Servlets, JSP, JDBC, MySQL, HTML/CSS, JavaScript, MVC Architecture* | Jan 2025 – Jun 2025

[GitHub Repository](#)

- Developed a vehicle rental web application using MVC architecture with end-to-end booking workflows.
- Built an administrative dashboard for fleet and reservation management with a responsive user interface.
- Implemented secure database interactions via JDBC to ensure reliable data integrity across transactions.

EDUCATION

BSc (Hons) in Information Technology, Specialising in Software Engineering

Sri Lanka Institute of Information Technology (SLIIT), Malabe | Nov 2023 – Nov 2027

CGPA: 3.0 / 4.00

Secondary Education — St. Servatius College, Matara (2012 – 2022)

A/L: Maths (B), Chemistry (C), Physics (S) | O/L: 6 A's, 3 B's

CERTIFICATIONS

- Full Stack Development Course — University of Moratuwa (June 2026)
- SQL (Basic) — HackerRank (July 2026)
- Getting Started with Node.js — Simplilearn (July 2026)