

CHAMIDU LAKSHITHA

Software Engineer | Web Developer

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ABOUT ME

An Information Technology undergraduate pursuing a BSc (Hons) in Information Technology at SLIIT. Currently seeking an IT-related internship to gain industry experience and work towards becoming a respected IT professional in the future.

EDUCATION

BSc (Hons) in Information Technology Specializing in Information Technology

Oct 2022 - Present

- Institution: Sri Lanka Institute of Information Technology (SLIIT) Malabe Sri Lanka

G.C.E Advanced Level

- College: Central College Kuliyaipitiya
Combined Mathematics - B
Physics -C
Chemistry - C

Jan 2022

CERTIFICATION

- **Web Development**
Issued by University of Moratuwa
- **Java**
Issued by HackerRank
- **AI/ML Engineer**
Issued by SLIIT
- **Using MongoDB with NodeJS**
Issued by MongoDB

SKILLS

- | | | |
|--------------|--------------|----------------|
| • JavaScript | • Next.js | • Tailwind CSS |
| • React | • TypeScript | • MongoDB |
| • PowerBI | • Github | • Bootstrap |
| • SQL | • Express | • Springboot |

PROJECTS

- **Genius Restuarent Management System**

University Group Project

- Built staff management module including attendance tracking and salary calculation.
- Developed a responsive UI with real-time calculations and data visualization.
- Focused on smooth integration with backend for consistent data flow.

Technologies: React.js, MongoDB, Express.js, Node.js, JavaScript, HTML, CSS

<https://github.com/Novatech-Nexus/Genius-frontend/tree/feature/it22172082>

<https://github.com/Novatech-Nexus/Genius-backend/tree/feature/it22172082>

- **Mediz Hospital Management System**

University Group Project | Role: Team Leader

- Developed employee management features, including salary assignment and admin dashboards.
- Created scalable REST APIs and intuitive user interfaces.
- Prioritized performance, maintainability, and clean architecture.

Technologies: Node.js, Express.js, MongoDB, React.js

<https://github.com/maha-gedara/web-app/tree/lakshitha>

<https://github.com/maha-gedara/api/tree/Lakshitha>

- **Authentication Project**

- Registration, Login, and User Profile modules.
- Encrypted passwords using bcrypt; managed sessions via JWT.
- Integrated email verification and role-based access control (admin/user).
- Implemented protected routes, input validation, error handling, and rate limiting.

Technologies: Node.js, Express.js, MongoDB, JWT, bcrypt, HTML, CSS, JavaScript

<https://github.com/Lakshitha321/Authentication.git>

- **SkillVerse Educational Application**

University Group Project | Role: Team Leader

- Led development of the Marketplace Module with Spring Boot APIs.
- Built dynamic product listings, user profiles, and authentication system.
- Ensured seamless frontend-backend integration for a smooth user experience.

Technologies: Spring Boot, MongoDB, React.js, Firebase, REST APIs

<https://github.com/maha-gedara/spring-api/tree/lakshitha>

<https://github.com/maha-gedara/spring-webApp/tree/lakshitha>

- **Mediz Hospital Management System**

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Technologies: Node.js, Express.js, MongoDB, React.js

<https://github.com/maha-gedara/web-app/tree/lakshitha>

<https://github.com/maha-gedara/api/tree/Lakshitha>

REFERENCES

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