

VIDUSHIKA MADHUSHANI

IT Undergraduate — Aspiring Software Developer — DevOps Enthusiast

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PROFESSIONAL SUMMARY

Motivated IT undergraduate with hands-on experience in full-stack, web, and mobile development. Skilled in Java, JavaScript, React, Node.js, Express.js, Spring Boot, PHP, Kotlin, and modern databases. Experienced in RESTful APIs, authentication, database management, and responsive UI development. Passionate about software engineering and DevOps, with strong problem-solving and teamwork skills. Seeking an internship to gain industry experience and contribute to real-world projects.

EDUCATION

Bachelor of Science in Information Technology	2023 – 2027 (Expected)
Sri Lanka Institute of Information Technology (SLIIT)	

SKILLS

- **Programming:** Java, JavaScript, PHP, C, Kotlin, HTML, CSS
- **Frontend:** React.js, React Router, Vite, Redux Toolkit, Context API, React Query, React Hook Form, Zod, Tailwind CSS
- **Backend:** Node.js, Express.js, Spring Boot, Spring Data JPA, Spring Security, JSP, Servlets
- **Databases:** MongoDB, PostgreSQL, MySQL, Oracle SQL
- **Authentication & Security:** JWT, Google OAuth 2.0, Passport.js, Spring Security, Helmet
- **Testing & API:** Jest, Supertest, Postman
- **DevOps & Tools:** Git, GitHub, Docker, Docker Compose, Maven
- **Design & Cloud/Media:** Figma, Cloudinary

CERTIFICATIONS

- **MongoDB Data Modeling Path** – MongoDB (May 2026)
- **Lab: Linux Tutorial** – KodeKloud (May 2026)

PROJECTS

Eventrix – University Event Management Platform	<i>MERN Stack — React — Node.js — Express.js — MongoDB</i>
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- Developed a full-stack event management platform with Admin, Organizer, and Student roles.
- Implemented event creation, registration, session management, attendee tracking, and notifications.
- Built RESTful APIs with Node.js, Express.js, MongoDB, JWT/Google OAuth authentication, and Cloudinary integration.

Smart Campus – Property Allocation Framework	<i>React — Spring Boot — PostgreSQL — JWT — Google OAuth</i>
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- Developed a campus resource management platform for bookings, resources, support tickets, notifications, and users.
- Implemented role-based access control, booking workflows, analytics dashboard, and resource availability management.
- Built RESTful APIs using Spring Boot, Spring Data JPA, Spring Security, and PostgreSQL, including a resource recommendation engine.

SafeGo – Smart School Bus Monitoring System

MERN Stack

Developed a full-stack application for student transport monitoring with features such as live tracking, alerts, and trip management.

Habit Tracker Mobile App

Kotlin, Android

Developed an Android application to track daily habits with local database integration.

Online E-Shopping Platform

Java, Servlets, MySQL

Built an e-commerce web application with authentication and product management using MVC architecture.

Hotel Reservation System

PHP, MySQL

Developed a web-based hotel booking system with reservation management, CRUD operations, and payment simulation.

EXPERIENCE

Trainee – People’s Bank, Sri Lanka

Jan 2022 – Jan 2023

Completed a one-year professional training program at the Regional Head Office, Gampaha, gaining exposure to banking operations and workplace communication.

ADDITIONAL INFORMATION

- Strong interest in Software Development, DevOps, Cloud Computing, and Full-Stack Engineering.
- Hands-on experience developing full-stack applications using MERN and Java/Spring Boot technologies.
- Familiar with RESTful API development, authentication, database design, testing, and version control.
- Led multiple university project teams, strengthening leadership, coordination, and communication skills.
- Quick learner with the ability to adapt to new technologies and development environments.
- Actively seeking Software Engineering, Full-Stack Development, or DevOps internship opportunities.