

MAYANTHA UDAYANGA

Full Stack Software Engineering Intern | Software Engineering Undergraduate
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PROFESSIONAL SUMMARY

Second-year Software Engineering undergraduate seeking a Full Stack Software Engineering Internship. Experienced in academic full-stack, mobile, desktop, database-driven and API-based application development using Java, JavaScript, SQL, Spring Boot, Node.js, .NET, Git and GitHub. Skilled in object-oriented programming, CRUD development, REST API integration, MVC, database design, debugging, software testing, SDLC, teamwork and clean coding practices.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL, C#, C, C++

Backend Development: Spring Boot, Node.js, .NET, REST APIs, MVC, CRUD development, API integration

Frontend Development: HTML, CSS, JavaScript, responsive user interfaces, web application development

Databases: SQL databases, database design, queries, records management, data management, database integration

Tools and Platforms: Git, GitHub, VS Code, Android Studio, Docker (Basic), API testing tools (Basic), version control

Software Fundamentals: OOP, Data Structures and Algorithms, SDLC, debugging, software testing, teamwork, clean code

Cloud: AWS Certified Solutions Architect - Associate (currently pursuing)

PROJECT EXPERIENCE

LUXE - Full-Stack Hotel Management System

- Developed a Java and Spring Boot hotel management system with REST APIs and SQL database integration for reservations, customers, rooms and administrative operations.
- Implemented 4+ CRUD modules, backend business logic, API endpoints and database operations following object-oriented programming and MVC concepts.

InstaTute Final Project - Academic Learning Management Platform

- Built a web-based learning management platform connecting institutions, tutors and students for academic operations and student engagement.
- Designed data-driven workflows for tutor management, student records, institution operations, user navigation and web application usability.

EZKEY - Digital Product Mobile Application (In Progress)

- Developing a mobile application for digital product sales with product listing, secure purchasing flow, warranty support, product management and clear navigation.
- Applying mobile application development, database integration, CRUD features, UI workflows, validation and testing practices to improve usability.

Library Management System - Windows Desktop Application

- Created a Windows desktop application to manage books, records and administrative tasks using CRUD operations and database management concepts.
- Practiced form validation, search, update, delete, record handling, debugging and basic software testing for reliable desktop workflows.

EDUCATION

BSc (Hons) Software Engineering (Undergraduate) | National Institute of Business Management

Higher National Diploma in Software Engineering | 2026 - Present

- Coursework: Enterprise Application Development 2, Mobile Application Development, Data Structures and Algorithms, IoT and Robotics.

Diploma in Software Engineering | 2024 - 2025 | GPA: 3.3/4.0

- Coursework: Full-Stack Web Development, Database Management, Enterprise Application Development 1.

G.C.E. A/L - Mathematics Stream | 2023

- General English: B
- Information Technology: B

CERTIFICATIONS

- Cisco - Introduction to Cybersecurity
- Google Cloud - Share Data Using Google Data Analytics

REFERENCES

- Mr. Damish Nisal | Senior Software Engineer, Sysco Labs | +94 77 656 0118 | damish.nisal@sysco.com
- Mrs. Asanthi Kurukulasooriya | Director, NIBM Galle | +94 71 835 9303 | asanthi@nibm.lk