

KUMOD DE SILVA

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SUMMARY

An IT undergraduate with experience in system administration and software engineering projects, eager to focus on Software Engineering. Led academic projects involving Java development, object-oriented programming, exception handling, DevOps principles, and automated testing. Strong technical skills in Git and databases, with ongoing learning in Docker and Oracle, focused on problem-solving and real-world application.

TECHNICAL SKILLS

- Backend Development – Java | php | Express | NodeJS
- Database – SQL | MongoDB | Oracle
- Others – Docker | Bitbucket
- Frontend Development – JavaScript | HTML | CSS | ReactJS
- Soft skills – English Communication | Adaptability and Learning agility

PROJECTS

ClearVision – Optical Shop Management System

[MERN Stack | git | trello]

- Implemented product category filtering, cart management, and secure data handling techniques, improving system scalability and maintainability.
- Improved overall system responsiveness and load time by 40% through efficient API design and optimized MongoDB queries.

WashIt – Online Laundry Management System

[Java | SQL | Bootstrap | git]

- Developed user friendly system by implementing OOP principles in Java with exception handling to ensure error-free performance.
- Included data validation and encapsulation methods to protect sensitive user data and guarantee adherence to fundamental security guidelines.

MediCareHub – Health Insurance Management System

[HTML | CSS | JavaScript | php | SQL]

- Optimized the system's claim processing module, resulting in a 25% increase in efficiency and a decrease in processing time and manual errors.
- I led the collaborative project lifecycle, assigning tasks, and monitoring progress, which resulted in on time delivery and 100% functionality success rate during test.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT) |

Expected graduation 2027

Software Engineering, Faculty of Computing

(Current WGPA – 3.82)

Course work: Object Oriented Programming | Operating systems and System Administration | Software development | Design Patterns | Data Structures and Algorithms | Mobile Application Development

CERTIFICATION

Networking Basics – Cisco

Issued in Dec 2022

Python for beginners – Udemy

Issued in Dec 2022

HONORS & AWARDS

SLIIT Dean's List Award | Top 1% of the students in the semester | Academic year 1 Semester 2

Issued Apr 2024

SLIIT Dean's List Award | Top 1% of the students in the semester | Academic year 1 Semester 1

Issued Sep 2023