

# Harsha Lakmal

## INTERN SOFTWARE ENGINEER

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## ABOUT ME

Motivated and enthusiastic aspiring Software Engineer seeking an internship opportunity to deepen expertise in emerging technologies and grow within the IT industry. A quick self-learner with the ability to effectively apply new skills in real-world projects. Gained hands-on experience at the Academy of Computer Programming and Training (ACPT), developing enterprise applications using React, React Native, Spring Boot, and other modern technologies. Proven ability to design scalable, efficient solutions and deploy applications on AWS for improved performance and reliability.

## PROJECTS

### • Job Lanka System

Designed and implemented a secure, role-based job posting and viewing system with an intuitive user interface, following industry-standard coding practices. Successfully deployed the application on AWS.

**Technologies:** React Js, Tailwind CSS, MySQL, Spring boot, Spring Security, React Native, MUI, JWT

**GitHub link :** <https://github.com/Harsha-lakmal/joblk-system>

### • Mega Market Lanka System

Developed a supermarket management system using Java and Spring Boot, incorporating Spring Security for role-based access control. Implemented core features including order processing, inventory management, and file handling. Designed a scalable system architecture and deployed the application on AWS.

**Technologies:** React Js, Tailwind CSS, MySQL, Spring boot, Spring Security, React Native, MUI, JWT

**GitHub link :** <https://github.com/Harsha-lakmal/mega-market-lanka-system>

### • Pet Zone Lanka System

Built a pet shop system with Express.js/MongoDB backend, React frontend, and React Native mobile app. Role-based access for admins and users with product, order and stock management. Deployed on AWS for scalability and reliability.

**Technologies:** React.js, Node.js, Express.js, MongoDB, React Native, MUI, JWT

**GitHub link :** <https://github.com/Harsha-lakmal/petzonlanka-system>

### • Vehicle Management System

Developed a full-stack CRUD application with a dynamic HTML, CSS, JS frontend and a secure, scalable Spring Boot backend using RESTful APIs. Built a responsive frontend with HTML, CSS, and JS integrated with a Spring Boot backend, delivering full CRUD operations and smooth user experience.

**Technologies:** Html, CSS, JavaScript, Spring boot, fetch, MySQL

**GitHub link :** <https://github.com/Harsha-lakmal/vehcile-management-system>

### • Employee Management System

Developed an employee management system using Spring Boot with clean design and RESTful CRUD APIs for efficient employee data handling.

**Technologies:** Html, CSS, JavaScript, Spring boot, MySQL

**GitHub link :** <https://github.com/Harsha-lakmal/employe-management-system>

### • Students Management System

Built full-stack student management system using Java EE and Hibernate with complete CRUD functionality, data validation, and a user-friendly interface.

**Technologies:** Java EE - MySQL, hibernate

**GitHub link :** <https://github.com/Harsha-lakmal/Student-management-system-ee>

### • Laptop Management System

Built a CLI-based laptop management system using Java EE, Hibernate, and MySQL with full CRUD functionality. Applied OOP principles and ORM for efficient backend operations.

**Technologies:** Java EE - MySQL, hibernate

**GitHub link :** <https://github.com/Harsha-lakmal/laptop-management-system-java-ee>

## KEY SKILLS

**Languages :-** Java, Html, CSS, JavaScript

**Frameworks :-** React JS, React Native, Node Js, Express JS, Tailwind CSS, Spring boot, Spring Security

**Database :-** MySQL, MongoDB

**Other :-** MUI, Git/GitHub, AWS, jQuery, JWT, hibernate

## EDUCATION

APSE - Advanced Professional Software Engineer - Academy of Computer Programming and Training

( 2023 - 2025 )

## REFERENCES

**Yasindu Sathsara** - Hotcat Technologies – CEO

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**Chamikara Ruchiranga** – Lecturer-ACPT

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