



# KASHIKA HETTIHEWA

SOFTWARE ENGINEER

## PROFILE INFORMATION

### Name

Kashika Hettihewa

### Date of Birth

25th January 2006

### Nationality

Sri Lankan

### Gender

Male

## CONTACT

+94717373756

Kashikabanu@gmail.com

Mirihana, Nugegoda

[Kashii-00](#)

## EDUCATION

### NATIONAL INSTITUTE OF BUSINESS MANAGEMENT (NIBM)

- BSc (Hons) Computing
- Certificate in Computer Science

### LUMBINI COLLEGE

- Primary to Secondary Education

## PROFILE

Results-driven Software Engineering student with hands-on experience in full-stack development using React, Node.js, and TypeScript. Successfully deployed enterprise applications to production, improving operations and user experience. Strong technical foundation with a focus on building scalable, business-oriented solutions.

## WORK EXPERIENCE

### Software Engineer Intern

FEBRUARY 2025 - AUGUST 2025

At Sri Lankan Ports Authority (SLPA)

- Developed an ERP system for Mahapola Ports & Maritime Academy
- Automated manual paper-based processes, reducing admin workload
- Successfully launched to production (Apache/Nginx), in daily use today
- Tech: **React, Node.js, Express, TypeScript, MySQL**

## ACADEMIC QUALIFICATIONS

### Currently in 2nd Year of BSc (Hons) Computing

Coventry University (UK Accredited Program)

At National Institute of Business Management (NIBM)

### Certificate in Software Engineering

JULY 2022 - NOVEMBER 2022

At National Institute of Business Management (NIBM)

Successfully completed the certificate program with a score of 125/160.

## PROJECTS

### Mahapola Maritime Institute ERP & LMS Platform

Developed ERP and LMS platform for maritime academy operations including student/lecturer management, booking systems, and role-based portals. Deployed to production using virtual hosts with Nginx (private) and Apache (public), currently in active daily use.

Technologies Used: **React, Node.js, Express, TypeScript, MySQL**

## WEB DEVELOPMENT

- HTML
- CSS
- JavaScript
- React
- Tailwind CSS

## BACK-END FRAMEWORKS

- Spring Boot
- Node.js
- Express.js

## MOBILE DEVELOPMENT

- Android Studio

## IOT DEVELOPMENT

- Arduino

## DEVELOPMENT TOOLS

- Cursor
- VS Code
- IntelliJ IDEA

## REFERENCE

Mr. S.H. Pathirathna

Deputy Chief Training Manager

Mahapola Ports & Maritime Academy  
Sri Lanka Ports Authority

Phone : +94112520053

### • **Salon Appointment System** (Web-Based)

A user-friendly web application that allows customers to sign up, log in, and book appointments with salons. Users can add specific details while booking, and the system provides the salon with an organized appointment list.

Technologies Used: **HTML, CSS, JavaScript, PHP**

### • **Hotel Reservation System** (Spring Boot, Java, React)

Implemented a microservices-based hotel reservation system. Features include REST APIs (GET/POST/PUT/DELETE) for managing hotel data, tested with Postman. The front-end UI is built using React for enhanced user interaction.

Technologies Used: **Spring Boot, Java, React**

### • **Food Management Software** (Android Studio)

Developed a comprehensive food delivery application for users and administrators. Features include user authentication, order management, Google Maps integration, camera access, and email notifications. The system allows administrators to manage the menu and track orders while providing analytics for decision-making.

Technologies Used: **Android Studio, SQLite, Java**

### • **Fire Fighting Robot** (Arduino)

Built an autonomous firefighting robot equipped with advanced sensors to detect and extinguish fires. It features obstacle avoidance, temperature measurement, and low-light navigation capabilities. The robot is designed for efficient response in emergency scenarios.

Technologies Used: **Arduino**

### • **Hotel Reservation System (Visual Studio (Java))**

A basic hotel reservation system designed to manage bookings and customer information. It features functionality to add, view, update, and delete reservations and maintains room availability status.

Technologies Used: **Java, Visual Studio**