

# Shashith Rashmika

Information Systems Undergraduate | Software Engineering

• shashithrashmika2022@gmail.com • +94 76 0688588

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## Profile Summary

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Information Systems undergraduate with practical experience in full-stack development using Next.js, MERN Stack, and PHP (Custom MVC), currently expanding skills in Spring Boot. Strong foundation in building web applications, clean code practices, and problem-solving.

## Professional Experience

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### White Star Web Solutions (ArtsLab Creatives)

Full Stack Developer Intern (6 Months)

Since October 2025

- Worked on real-world client projects contributing to both frontend and backend development.
- Built web interfaces using **Next.js** and implemented interactive 3D features with **Three.js**.
- Developed workflow automations using **n8n** to support internal processes.
- Assisted with backend integrations using **Laravel** and **Filament**.
- Participated in quality assurance, including manual testing and feature validation, and supported UI/UX implementation.

## Projects

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### HomeGenie

- On-Demand Home Services Platform for booking home services, featuring role-based access, user management, and inventory tracking.  
**Tech Stack:** PHP (MVC Custom Framework), MySQL, HTML, CSS, JavaScript

### Clubsync

- Volunteer Event Management Platform for organizing events, engaging volunteers, and sending real-time notifications via a web and mobile platform.  
**Tech Stack:** Next.js, MongoDB, Socket.io, JWT, React Native, Cloudinary

### Chatty Chatty

- Real-Time Chat Application enabling secure messaging with authentication and online/offline status in real time.  
**Tech Stack:** React, Node.js, MongoDB, Socket.io, Zustand

### Laptop Price Predictor

- Developed a Machine Learning project using Random Forest Regression to predict laptop prices based on specifications such as processor type, RAM, GPU, and other features.  
**Tech Stack:** Python, Scikit-learn, Flask, Jupyter Notebook

### Other Projects

- **Book Management System** – A CRUD application using React and Spring Boot to manage books, developed while learning Spring Boot fundamentals, with automated testing of login and CRUD functionality using Selenium and Java.

- **SR-Chatbot** – A simple chatbot built using Python, Flask, HTML, CSS, JavaScript, and the Gemini free API.
- **Chill Campus** – Inter-University Social Platform for Sri Lankan university students, featuring authentication, user profiles, posts, community creation, and real-time chat.
- **Athagili (Ongoing)** – A culturally focused dating web platform with role-based profiles, chat, and matching features using Next.js, Supabase, and TailwindCSS.
- **Cafe Hifi** – A JavaFX-based POS system with admin/employee roles, sales tracking, and product management for small cafes.

## Education

**University of Colombo School of Computing**

BSc. in Information Systems, GPA: 3.38/4.00

**Colombo, Sri Lanka**

2023–2026

**Relevant Coursework:** Human Computer Interaction, Data Structures and Algorithms, Programming and Problem Solving, Object-Oriented Programming and Rapid Application Development, Software Quality Assurance, Machine Learning, Database Management, Programming for Web Development, Software Engineering, System Analysis and Design, Computer Networks

**G.C.E. A/L:** 2021 — Maths stream with ICT — BCC

**G.C.E. O/L:** 2017 — 8 A's, 1 B

## Additional Information

- **Programming Languages:** JavaScript, TypeScript, PHP, Python, Java, C
- **Frameworks & Libraries:** React.js, Next.js, Express.js, Spring Boot, JavaFX
- **Databases:** MySQL, MongoDB, PostgreSQL
- **ORM:** Prisma, Hibernate
- **Cloud & DevOps:** AWS (Basics), GitHub Actions, Docker (Basics)
- **Tools & Practices:** GitHub, Figma, REST APIs, MVC, JWT, Design Patterns (Fundamentals)
- **QA & Testing:** Manual Testing, Unit & Integration Testing, Test Planning, Cross-Browser Testing, Test Automation using Selenium with Java, Postman, Jira

## Certifications

AWS Cloud Practitioner Essentials – Amazon Web Services (AWS) Training	Aug 2025
Mastering Agentic Design Patterns with Hands-on Projects – Udemy	Aug 2025
SQL (Intermediate) – HackerRank	Aug 2025
Next.js Fundamentals, v4 – Frontend Masters	Jul 2025
Enterprise Java with Spring Boot – Frontend Masters	Jul 2025
Oracle Cloud Infrastructure 2025 AI Foundations Associate – Oracle	Aug 2025

## References

### Dr. Thushani A. Weerasinghe, PhD.

Senior Lecturer

University of Colombo School of Computing

Mobile: +94 71 6890280

Email: taw@ucsc.cmb.ac.lk

### Dr. Yohani S. Ranasinghe

Lecturer

Department of ISE — Coordinator – Master of Business Analytics Program

University of Colombo School of Computing, Sri Lanka

Email: ysr@ucsc.cmb.ac.lk

Mobile: +94 718371272