

SHASHITH RASHMIKA

Information Systems Undergraduate | Seeking Internship

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[LinkedIn](#) • [Github](#) • [Portfolio](#)

PROFILE SUMMARY

Passionate full stack developer with hands-on experience building scalable applications using Next.js, the MERN stack, PHP (Custom MVC), and Spring Boot. Strong foundation in clean code practices, backend architecture, and real-time system development. Enthusiastic about implementing QA best practices and contributing to impactful, community-focused projects. Currently seeking an internship to apply and expand technical skills within a collaborative development environment.

TECHNICAL EXPERIENCE

HomeGenie – On-Demand Home Services Platform

Full Stack Developer | UCSC 2nd year Group Project (Completed)

Technologies: PHP (Custom MVC), MySQL, HTML5, CSS, JavaScript

- Developed a centralized web platform to simplify home service booking and supplier management.
- Implemented role-based registration, service appointment tracking, and supplier item inventory.
- Focused on modular MVC architecture, session control, and clean user interface design.

ClubSync – Volunteer & Event Management Platform

Full Stack Developer | UCSC 3rd Year Project (Ongoing)

Technologies: React.js, Node.js, PostgreSQL, Express.js, React Native, Cloudinary, Socket.io

- Built a web/mobile platform for clubs to manage events, QR-based attendance, and volunteer engagement.
- Enabled digital certificate generation, point-based rewards, and real-time notifications.
- Prioritized automation, accessibility, and mobile-first experience using REST APIs and cross-platform design.

Chill Campus – Inter-University Social Platform

Full Stack Developer | Individual Project (Ongoing)

Technologies: Next.js (TypeScript), Node.js, Express.js, MongoDB

- Developed a social platform to connect Sri Lankan university students for non-academic collaboration.
- Features include authentication, user profiles, discussion posts, real-time chat, and event sharing.
- Focused on scalable backend, responsive frontend, and secure session handling.

Laptop Price Predictor –ML- Based Price Estimator Web App

Machine Learning Developer | Individual Project (Completed)

Technologies: Python, Pandas, Scikit-learn, Jupyter Notebook

- Built a simple machine learning model to predict laptop prices using Random Forest Regression.

- Created a user-friendly form to input features like brand, RAM, and Display.
- Focused on understanding ML workflow, feature engineering, and model evaluation.

Other Projects (Summarized)

- **Athagili (Ongoing)** – A culturally focused dating web platform with role-based profiles, chat, and matching features, built using Next.js, Supabase, and TailwindCSS.
- **Chatty Chatty** – A real-time MERN chat app with user login, status tracking, and secure one-on-one messaging via JWT
- **Book Management System** – A CRUD application using React and Spring Boot to manage books and users, built for Spring Boot practice.
- **JumboTrack** – A conceptual wildlife safety system designed in Figma to prevent elephant-train collisions using AI and sensor-based alerts.
- **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 (2023-2026) - Colombo, Sri Lanka
 BSc. in Information Systems (**GPA - 3.377**)

G.C.E A/L – 2021 | Stream: Maths + ICT | **BCC**

G.C.E O/L – 2017 | **8 A's, 1 B**

ADDITIONAL INFORMATION

- Languages: JavaScript, TypeScript, PHP, HTML, Python, CSS, Java, C
- Tech Stack: React.js, Next.js, Node.js, Express.js, MongoDB, Spring Boot, JavaFX
- Tools & Skills: Github, MySQL, Figma, REST APIs, MVC, Unit Testing, JWT , Docker (Basics)
- Cloud & DevOps: AWS (Basics), Supabase, Github Actions, Docker (learning)
- QA & Testing: Manual Testing, Unit/Integration Testing, Test Planning, Cross-Browser Testing
- Certifications:
 - Java (Basic) – HackerRank
 - Next.js – Frontend Masters
 - AWS Cloud Practitioner Essentials – AWS Training
 - Project Management Fundamentals – Generative AI