

Himantha Marasinghe

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SUMMARY

An undergraduate who is passionate about building efficient and user-focused software solutions. A quick learner with good communication skills who enjoys collaborating in teams and taking responsibility to contribute effectively. Seeking an internship to gain hands-on experience and work on real-world software projects.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, PHP, C
- **Frontend Frameworks & Libraries:** React, Next.js, React Native, Tailwind, MUI, Bootstrap
- **Backend Frameworks & Tools:** Spring Boot, Node.js, Kafka, Redis
- **Databases:** MySQL, PostgreSQL, Oracle DB, MongoDB
- **Other Tools & Platforms:** Linux, Git, GitHub, Maven, Docker, AWS

PROJECTS

E-Auction System for Sri Lanka Customs

May 2025 – Present

Spring Boot, PostgreSQL, Oracle DB, Kafka, Redis, WebSockets, REST APIs, React, React Native, Tailwind, MUI, Maven

- Building an online platform for Sri Lanka Customs to auction seized items, with web and mobile applications.
- In this group project, I contributed to the following areas:
- Designed high-level architecture and planned features according to project requirements.
- Developed Spring Boot microservices in Java using PostgreSQL and Oracle DB with blockchain tables for secure data management.
- Built REST APIs, connecting the frontend and backend systems efficiently.
- Created responsive web and mobile interfaces with React, React Native, Tailwind, and MUI.
- Implemented Kafka for inter-service communication, Redis for performance optimization, and WebSockets for real-time updates.

TradeTrack

Jun 2024 – Apr 2025

PHP, MySQL, JavaScript, Vanilla CSS, Node.js, XAMPP

[GitHub](#)

- A web-based system for small grocery stores in Sri Lanka to manage inventory, billing, and communication, featuring real-time updates, digital bills, pre-orders, internal messaging, and basic accounting.
- In this group project, I contributed to the following areas:
- Derived features according to user requirements and designed the overall system.
- Built a custom MVC framework from scratch for backend logic.
- Designed responsive user interfaces and database schemas for efficient data management.
- Implemented a WebSocket server using Node.js to enable real-time notifications and updates.

Personal Portfolio

Jul 2025

Next.js, Tailwind CSS

himantha.me | [GitHub](#)

- Built a personal portfolio website to showcase projects and skills.
- Developed the frontend using Next.js and styled with Tailwind CSS for a modern, responsive design.

Cinema Hall Ticket Booking System

Nov 2024 – Dec 2024

Java, JavaFX, MySQL, Maven

[GitHub](#)

- A JavaFX-based desktop application for cinema halls to manage ticket bookings, show schedules, and customer records.
- In this group project, I contributed to the following areas:
- Designed the MySQL database schema for efficient data management.
- Identified and derived the core features according to user requirements.

Movie List App

Jun 2025 – Present

React, React Native, Tailwind, Appwrite, Gemini API

[GitHub \(Web\)](#) | [GitHub \(Mobile\)](#)

- An individual project: a movie watchlist app using a public movie API.
- Built React web and React Native mobile applications for the frontend with Tailwind CSS.
- Used Appwrite for backend and user authentication.
- Integrated Gemini API to fetch movies based on story descriptions.

Spend Tracker Web App

May 2024 – Sep 2024

Node.js, EJS, MongoDB

[GitHub](#)

- A personal Node.js web application using EJS to manage and track an individual's income and expenses.

EDUCATION

BSc (Hons) in Information Systems

University of Colombo School of Computing

Undergraduate, Third Year – CGPA: 3.49

- **Relevant Coursework:** Database Management, Software Engineering, Web Development, Object-Oriented Programming, Computer Networks, Linux, Cyber Security, Quality Assurance

ACHIEVEMENTS

- Selected for the Directed List at the University of Colombo School of Computing for academic performance. (Year 1, Semester 1)

CERTIFICATIONS

- Docker Training Course for the Absolute Beginner – KodeKloud
- Learning Linux Basics Course & Labs – KodeKloud
- Generative AI Overview for Project Managers – Project Management Institute
- Java (Basic) Certificate – HackerRank
- JavaScript Step by Step: How to Apply It to Your Web Pages – Udemy
- Git & GitHub Crash Course: Create a Repository From Scratch – Udemy
- Relational Database Design – Udemy
- SQL Programming Basics – Udemy

REFERENCES

- **Prof. M.G.N.A.S Fernando** – Senior Lecturer, University of Colombo School of Computing (contact details will be provided upon request.)