

M.A. Himasha Chinthani

Software Engineer Intern

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Profile

I am dedicated to advancing as a software engineer and am a third-year Computer Science undergraduate at the University of Colombo School of Computing with hands-on experience in full-stack development. I have worked extensively with Java, React, Node.js, Flutter, and databases including MySQL, PostgreSQL, and MongoDB. I am passionate about building complete, user-centric software applications that solve real-world problems. I am a proactive and fast learner who enjoys experimenting with new technologies and working both independently and collaboratively. I aim to contribute to multi faceted projects while gaining exposure to industry best practices and learning from experienced professionals.

Education

University of Colombo School of Computing

2023 – Present

B.Sc. in Computer Science, Current GPA: 3.109

St. Mary's Convent, Matara

2021

G.C.E. A/Ls: Physics - B, Chemistry - A, Combined Mathematics - A

Projects

Agrovia – Digital Agriculture Platform (Ongoing)

2025

- A comprehensive digital solution designed to empower Sri Lankan farmers by promoting sustainable agriculture and providing direct market access.
- Enabled bulk purchasing, transport coordination, and a knowledge hub for farmers.
- Built smart tools including real-time price forecasting(ML integration), pest alerts, and pre-harvest contracts to enhance farmers' income stability and decision-making.
- Applied Agile practices with Jira.
- **Technologies:** React.js, Node.js, Express.js, MySQL
- <https://github.com/SeniruR/Agrovia.git>
- <https://github.com/SeniruR/Agrovia-Backend.git>

Parlimate – Political Engagement Platform

May 2024 – April 2025

- A web platform facilitating effective communication between politicians and citizens, enhancing political transparency and participation.
- Implemented role-based access control with user authentication (Citizens, Politicians, Admins).
- Developed features including public surveys, discussion rooms, fundraising management, announcements, politician comparison, meeting scheduling, and payment verification.
- Built using MVC architecture without external frameworks or libraries.
- maintainability by following OOP principles and design patterns.
- **Technologies:** JSP, CSS, JavaScript, Java (Servlets), PostgreSQL
- <https://github.com/HimashaChinthani/Parlimate-Project.git>

StayEase – Hotel Booking Platform

May 2025 – August 2025

- A full-featured hotel booking platform allowing users to search, book, and manage hotel rooms.

- Includes user authentication, booking confirmation emails.
- **Technologies:** React, Node.js, MongoDB, Express.js (MERN stack)
- <https://github.com/HimashaChinthani/Hotel.booking>

Instant Messaging App – QR-Based Chat

July 2025 – August 2025

- An Android messaging app enabling two users to initiate temporary chats through QR code pairing.
- Implements real-time messaging via Firebase, local chat history storage using SQLite, and QR-based user connection logic.
- **Technologies:** Flutter, Firebase, SQLite
- https://github.com/HimashaChinthani/Flutter_chat_app.git

Skills

Languages: Java, C, C++, Python, Scala, HTML, CSS, JavaScript

Developer Tools: Git, GitHub Workflows, Postman, VS Code, IntelliJ IDEA

Frameworks/Technologies: React.js, Node.js, Express.js, Tailwind CSS, Java (Servlets), JSP

Cloud & Databases: MySQL, MongoDB, PostgreSQL, AWS

Software Principles: Object-Oriented Design Patterns, Agile/Scrum, RESTful APIs,

Soft Skills: Teamwork, Problem-solving, Adaptability, Good communication, Passion for Technology

Currently Exploring: Spring Boot, Next.js, cloud computing

Leadership & Volunteering

Team Member (Member Development) – IEEE Student Branch, UCSC (September 2023 – May 2024)

Team Member (Finance) – Hackoholic, Women in Engineering (UCSC)

Achievements

- Semi-Finalist at PearlHack 3.0 Ideathon with **Plantora**.
- Participated in IdeaForge Inter-University Ideathon as Team Phips Bytes.
- Competed in MoraXtreme 9.0 Algorithmic Coding Competition.
- Chess Player – Interfaculty Freshers' Meet 2023 (1st Runner-up) Interfaculty Meet 2024 (2nd Runner-up).

Certificates

- Programming Foundations: Object-Oriented Design – Olivia Chiu Stone and Barron Stone ([Link](#))
- AWS Educate: Introduction to Cloud 101 – Amazon Web Services (AWS)
- React Essential Training – Eve Porcello ([Link](#))
- Python Quick Start – Madecraft and Lavanya Vijayan ([Link](#))
- Git Essential Training (2023) – Barbara Forbes ([Link](#))

References

Mr. W.R.N.S Abeyweera

Lecturer

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Ms. J.S.R. Rupasinghe

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