M.A. Himasha Chinthani

Assosiate Software Engineer

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 my-portfolio

Profile

A dedicated and enthusiastic third-year Computer Science undergraduate at the University of Colombo School of Computing, currently a software engineer intern, with hands-on experience in full-stack development using Java, Go, React, Node.js, and Flutter, as well as databases including MySQL, PostgreSQL, and MongoDB. Passionate about building complete, user-centric software applications that solve real-world problems, with a proactive mindset and a strong ability to learn and adapt quickly. Enjoys experimenting with new technologies, working independently and collaboratively, and contributing to multifaceted projects while gaining exposure to industry best practices and learning from experienced professionals.

Work Experience

Software Engineer Intern (ongoing)   *Dec 2025 – May 2026*
CodeAisys (4A Technology Pvt Ltd)

- Contributing to a real-world **Restaurant Management System** supporting order processing, inventory handling, and operational workflows.
- Implementing backend services following **Hexagonal Architecture** to maintain a clean separation between business logic, infrastructure, and delivery layers.
- Participating in database design through **ER diagram (ERD)** creation and implementing well-structured relational schemas.
- Assisting in the preparation of **API documentation** to support system understanding and future scalability.
- Collaborating with the development team using **GitHub** for version control, pull requests, issue tracking, and code reviews.
- **Technologies:** Go, Gin, GORM, PostgreSQL, GitHub

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   *June 2025 – Oct 2025*

- Developed a digital platform empowering Sri Lankan farmers with sustainable agriculture, direct market access, bulk purchasing, transport coordination, knowledge hub, smart tools (real-time price forecasting, pest alerts, pre-harvest contracts), and applied Agile practices with Jira for project management.
- **Technologies:** React.js, Node.js, MySQL
- **GitHub:** Frontend — Backend

Food Ordering Platform – Microservices Web App   *Nov 2025 – Present*

- Designed and developed a responsive food ordering app with microservices (authentication, user management, menu/catalog, order processing), JWT-based role access, real-time order tracking, checkout with cart persistence and payments, admin dashboards, multiple databases (PostgreSQL, MySQL, MongoDB),

RESTful APIs, and reusable UI components for scalable and maintainable architecture.
- **Technologies:** React.js, Node.js, JWT, PostgreSQL, MySQL, MongoDB
- **GitHub:** Frontend — Backend

Parlimate – Political Engagement Platform   *May 2024 – Apr 2025*
- Developed a web platform improving communication between politicians and citizens, with role-based access (Citizens, Politicians, Admins), public surveys, discussion rooms, fundraising, announcements, politician comparison, meeting scheduling, payment verification, built on MVC architecture without external frameworks, following OOP principles and design patterns for maintainability.
- **Technologies:** Java, JSP, PostgreSQL
- **GitHub:** Repository

StayEase – Hotel Booking Platform   *May 2025 – Aug 2025*
- Developed a full-featured hotel booking platform enabling users to search, book, and manage hotel rooms, with user authentication and automated booking confirmation emails.
- **Technologies:** React, Node.js, MongoDB, Express.js
- **GitHub:** Repository

Instant Messaging App – QR-Based Chat   *July 2025 – Aug 2025*
- Android app enabling temporary chats via QR codes with real-time messaging using Firebase.
- **Technologies:** Flutter, Firebase, SQLite
- **GitHub:** Repository

Skills

Languages: Java,GO, 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,spring Boot, 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

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 — PearlHack 3.0 Ideathon
- Participant — IdeaForge Inter-University Ideathon, 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
- AWS Educate: Introduction to Cloud 101 – Amazon Web Services (AWS)
- React Essential Training – Eve Porcello
- Python Quick Start – Madecraft and Lavanya Vijayan

References

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