

# Chamika Gunarathne

Software Engineer Intern



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## 📄 PROFILE

Motivated **Computer Science undergraduate** with a strong foundation in **software development, problem-solving, and analytical thinking**. Passionate about creating innovative software solutions and eager to apply **technical skills** in real-world projects while learning and collaborating in dynamic environments.

## 🎓 EDUCATION

**Bachelor of Computer Science**

**University Of Ruhuna** 🔗

08/2022 – present | Matara, Sri Lanka

Current GPA-3.38

**GCE Advanced Level**

**Bandaranayake College** 🔗

Gampaha

Physical Sciences Stream: Z score- 1.4414

## 📁 PROFESSIONAL EXPERIENCE

**ISD International (Pvt) Ltd** 🔗

**Web Developer**

05/2024 – 12/2024

Designed modern, responsive UI for e-commerce websites using figma and analyzed web pages to enhanced layout, usability, and performance.

## 📁 PROJECTS

**Automating Utility Processes with Precision(AUPP)**

**Final Year Project**

12/2024 – 04/2025

An automated utility management system to streamline tasks like form submissions, site visits, media management, CEB approval, and installation tracking. The system improves efficiency, reduces delays, and enhances communication among stakeholders. Building using **Spring Boot, React, Laravel** and **PostgreSQL**.

**IOT enabled database management system for patient management in hospital clinical**

03/2024 – 11/2024

Created an IoT-enabled patient management system for hospital clinical environments using Laravel (**HTML, CSS, JavaScript, PHP**), with a **Raspberry Pi** local server and **Twilio API** for real-time alerts. The system streamlines patient data management and improves hospital communication.

**Web-based Product Store**

02/2025 – present

Built a product management platform using **MongoDB, Express.js, React, and Node.js (MERN Stack)**. Enables users to add, edit, and display products seamlessly with a responsive UI and efficient backend API.

**ORFOO**

**Food Ordering System**

12/2024 – present

A **C#** based food ordering system for restaurants that allows customers to order directly from their tables. It streamlines the ordering process by sending orders to the admin and kitchen, notifying customers when their order is ready. The system enhances efficiency and improves customer experience

## SKILLS

### Technical Skills

- **Programming Languages:** Java, C, C#, C++, Php, JavaScript, MATLAB, Octave
- **Web Development:** HTML, CSS, React, Node.js
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Tools & Platforms:** Github, Figma, VS Code, Visual Studio, Postman, Swagger, IntelliJ Idea, Trello
- **Frameworks:** Springboot, Laravel, jQuery

### Soft Skills

- Leadership & Collaboration
- Analytical Thinking & Problem-Solving
- Effective Communication & Teamwork
- Adaptability & Learning Agility
- Time Management & Organization

## CERTIFICATES

### Diploma in English

English Bee Academy-2016

### Certificate in Information Technology

Institute of Management and Information Technology-2016

### Technical Team Member – InsurgeX 1.0 Hackathon

University of Ruhuna

## VOLUNTEERING

### STEMUP Educational Foundation

#### Volunteer-2024

Volunteered to teach coding to children, making programming fun and accessible while fostering problem-solving skills.

### Education Provider

#### Combined Mathematics Teacher

2020 – 2023

### Speatance

#### AI-Powered English Speaking Companion

Developed an **AI-powered** Flutter app that helps users practice spoken English through interactive conversations. Speatance allows users to speak with the app, receive feedback, and improve their fluency in real time.

### Weather Mate

#### A Dynamic Weather Forecasting App

Developed a mobile application using **Flutter and Dart**, designed to provide real-time weather updates. Weather Mate fetches the current weather of the user's location and allows users to search for weather conditions in different locations. The app also features a 5-day weather forecast, offering accurate predictions for better planning.

### Chatbot

Developed a chatbot using **Python, Claude AI, Hugging Face, and LLAMA**, enabling intelligent and interactive conversations. The project leverages advanced AI models to deliver accurate, context-aware responses and enhance user engagement.

### EleFlex

11/2023 – 04/2024

Designed and developed a user-friendly website to support the Elephant Management System, featuring seamless navigation and a donation management system for elephant welfare. Built using **Java, PHP, HTML, CSS, MySQL**, and **Figma**, with version control via GitHub, this team project refined our web development and design skills while contributing to a meaningful cause.

### OrderCraft

#### Vision Hunters (Pvt) Ltd

05/2024 – 12/2024

Created responsive and visually appealing e-commerce website designs using **Figma**. Optimized web layouts, usability, and performance to deliver an enhanced user experience.

## REFERENCES

**Mr. S.A.S.Lorensuhewa**, Senior Lecturer(Grade I),

Department of Computer Science, University of Ruhuna  
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**Dr. K.D.C.G.Kapugama**, Senior Lecturer(Grade II),

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