Chamika Gunarathne

Software Engineer Intern

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🔗 https://chamika-gunarathne.netlify.app/

🪪 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 website-OrderCraft using Figma and analyzed web pages to enhance 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. 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.

Speatance
AI-Powered English Speaking Companion
Developed a **Flutter** mobile app using AI tools and models to help users improve spoken English. The app enables real-time conversations with speech recognition and NLP, offering instant feedback to enhance fluency and pronunciation.

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.

Technical Skills
- **Programming Languages**: Java, Php, JavaScript, C, C#, C++, MATLAB
- **Web Development**: HTML, CSS, React, Springboot, Laravel
- **Database Management**: MySQL, PostgreSQL, MongoDB
- **Tools & Platforms**: Github, Figma, VS Code, Visual Studio, Postman, Swagger, Intellij Idea, Trello

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

Weather Mate
A Dynamic Weather Forecasting App
Developed a mobile application using **AI** and **Flutter** that provides real-time weather updates. Integrated AI to enhance location-based predictions and forecast accuracy. The app fetches current weather data for the user's location, supports search for other areas, and offers a 5-day forecast with improved precision for better planning.

ORFOO
Food Ordering System
12/2024 – present
A C#-based food ordering system for restaurants that lets customers order directly from their tables, streamlining communication between the kitchen and admin while notifying customers when their food is ready. I was mostly involved in a supervisory role throughout the project.

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 aruna@dcs.ruh.ac.lk, 0718205066

Dr. K.D.C.G.Kapugama, *Senior Lecturer(Grade II),* Department of Computer Science, University of Ruhuna charaka@dcs.ruh.ac.lk, 0750812584