Mohamed Infas
Undergraduate

✉ infas1002@gmail.com   📞 +94 76 2726459   in Mohamed Infas N   ⌥ Infas_NM

I am a passionate and driven third-year Computer Engineering undergraduate at the University of Ruhuna, with a strong academic background and a keen interest in **software engineering.** Eager to apply my skills and knowledge to contribute effectively to innovative projects, gain hands-on experience through internships and ultimately pursue a career in cutting-edge technology fields.

Education

B.Sc Honors in Computer Engineering   *Mar 2021 - Present*
University of Ruhuna
- GPA - 3.18/4.0

Projects

Sports Website For Faculty   *Nov 2023 - Ongoing*
RuhunaSports
- An ongoing project developed by a group of four members, using the **MERN stack (MongoDB, Express.js, React.js, Node.js).** This collaborative effort aims to streamline sports-related activities for faculty members, including **announcements, event management, live telecasts and Gmail integration.** Our goal is to create an intuitive platform that enhances communication and organization within the faculty.

Personal Healthcare Mobile App 🔗   *Oct 2023 - Feb 2024*
Healthy
- Developed a user-friendly app for medical record management, medication reminders and real-time communication with healthcare professionals. Utilized **Flutter** for the frontend, **Django** with **MongoDB** for the backend and **Spring Boot** for additional functionalities, ensuring reliability and accessibility. Employed intuitive interfaces and robust backend systems for seamless user experience.

E-Commerce Website 🔗   *May 2023 - Sep 2023*
USHAM
- An individual project built using the **MERN stack**, emphasizing **CRUD operations.** This website facilitates buying and selling with features for creating, reading, updating and deleting product listings. Leveraging MongoDB, Express.js, React.js and Node.js, it offers seamless data management and user interaction for online commerce.

Database Management System   *May 2023 - Sep 2023*
Online Music Streaming Application
- Database Systems I authored a comprehensive guide covering both **relational and NoSQL databases.** Topics include schema design, implementation and database tuning. A valuable resource for understanding and working with diverse database systems.

Data structures and Algorithms 🔗   *Nov 2022 - Feb 2023*
Employee Database Management System
- Developed a user-friendly software to efficiently manage employee data, utilizing **double-linked list** structures.

GUI Programming 🔗
Dec 2022 - Feb 2023

Student Registration System
- Developed a system using **C#, XAML, WPF and MVVM architecture,** integrated with **SQLite** for efficient data management. Implemented features for administrators, teachers and students to manage enrollment, grading and personal information securely.

Skills

- **Programming Languages :** JavaScript, C++, Python, Java, C#, Dart
- **Web Development :** HTML, CSS, React JS, Node JS, Express JS, Tailwind CSS, Spring Boot
- **Mobile App Development:** Flutter, Google Firebase
- **Version Control :** Git
- **Project Management:** Jira, Agile Methodology
- **Test API :** Postman
- **Operating System :** Windows, Linux
- **IDE & TOOLS :** VS Code, Visual Studio, IntelliJ, Android Studio, Eclipse, Figma, MySQL, Visual Paradigm
- **Soft Skills :** Teamwork, Leadership, Communication, Presentation, Problem Solving

Certifications

- **Web Development**

  - Introduction to Web Development with HTML, CSS, JavaScript

  - Web Design for Beginners

  - Web Development Ultimate Guide

- **Version Control**

  - Version Control

  - Getting Started with Git and GitHub

- **Mobile Development**

  - Flutter UI Bootcamp

  - Introduction to Android Mobile Application Development

Achievements and Participations

- Participated in Insurgex 1.0 coding competition - 17th place out of 100+ teams (UOR).
- Participated in HaXtreme 2.0 coding competition - 14th place out of 100+ teams (UOR).
- Participated in ACES Coders v10.0 coding competition - 36th place out of 200+ teams (UOP).
- Participated in Eminence 3.0 competition (UOR).

Referees

Dr. Rajitha Udawalpola
Head, Senior Lecturer,
Faculty of Engineering,
University of Ruhuna.
Phone : + 94 77 251 9477
Email : rajitha@eie.ruh.ac.lk

Dr. Kushan Sudheera
Senior Lecturer,
Faculty of Engineering,
University of Ruhuna.
Phone : + 94 71 969 3164
Email : kushan@eie.ruh.ac.lk