Harshana Karunarathne

SOFTWARE ENGINEER

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SUMMARY

I am an IT enthusiast skilled in software development and data analysis, passionate about building scalable systems, solving complex problems, and delivering impactful solutions.

EDUCATION

B.Sc. in Physical Science | University of Kelaniya, Sri Lanka   **2022-2025**

- Specialized in Computer Science, Statistics, and Pure Mathematics
- GPA : 3.75
- Dean's List (2022 | 2023)

G.C.E Advanced Level (Physical Science) | Royal College, Colombo   **2017-2020**

- Z-Score : 1.298

TECHNICAL SKILLS

- **Programming Languages:** Java, C#, JavaScript, HTML, CSS, R, PHP
- **Frontend:** ReactJS, Tailwind CSS
- **Backend:** Spring Boot, .NET
- **Database:** MySQL, MongoDB
- **Tools & Platforms:** Postman, VS Code, Git, GitHub, RStudio, Visual Studio

PROJECTS

Uplift Fitness Tracking Website | GitHub - Harshana2/uplift-backend   **2025**

A full-featured fitness management platform was developed to enhance interaction between members and coaches while simplifying administrative operations. This system includes separate dashboards for admins, coaches, and members. It supports secure user authentication using JWT tokens, role-based access control, and email verification during sign-up. The application is designed to deliver a seamless user experience across roles.
Technologies: ReactJS, TailwindCSS, Spring Boot, MongoDB, JWT

Bank Management System | GitHub - Harshana2/Bank-Management-System   **2023**

A basic bank management system was developed to demonstrate core object-oriented programming (OOP) principles. The application features a simple graphical user interface and supports account management, transactions, and user operations through predefined functionalities.
Technologies: Java

TaskMate | GitHub - Harshana2/taskmate   **2024**

A task management application was developed to streamline task organization and tracking. The system includes full CRUD functionality for creating, updating, deleting, and retrieving tasks, all accessible through a user-friendly interface designed for efficiency.
Technologies: C#, MySQL

Toyota Clone | GitHub - Harshana2/Toyota-clone   **2024**

A RESTful API backend was developed to support scalable and efficient data handling for web applications. The system offers complete CRUD operations and is designed for seamless integration with frontend platforms, ensuring reliable and maintainable communication between services.
Technologies: Spring Boot, MySQL

LANGUAGES

Sinhala – Fluent

English – Professional Proficiency

SOFT SKILLS

- Time Management
- Problem Solving
- Communication
- Leadership
- Team Collaboration

REFERENCES

Dr. (Mrs.) A.P. Hewaarachchi
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