TASHINI MONASHA

Software Engineer Intern

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in Tashini Monasha ⬤ TashiniMonasha ⊚ Galle, Sri Lanka

SKILLS

- Java
- Python
- Flask
- HTML/CSS
- JavaScript
- PHP
- React
- C#
- MY SQL
- Flutter
- Firebase
- Arduino
- API
- Spring Boot
- MongoDb

STRENGTHS

- Project Management
- Teamwork
- Adaptability
- Leadership
- Communication
- Problem solving

EDUCATION

2022 - 2023

SOFTWARE ENGINEERING (DIPLOMA)

- National Institute of Business Management, Galle
- (3.93 GPA-Distinction)

2023 - 2024

SOFTWARE ENGINEERING (HND)

- National Institute of Business Management, Galle

LANGUAGES

- English (Fluent)
- Sinhala (Fluent)
- Tamil (Basics)

PROFILE

Passionate about web development, mobile apps, and machine learning. I enjoy building practical solutions, exploring new technologies, and delivering innovative, user-friendly applications.

PROJECTS

1. Manawadu-Electronics

An automated web platform for buying and selling electronic products, featuring user registration, product browsing, a shopping cart, and order management. Users can securely register, browse products, add items to their cart, and complete purchases. Sellers can list products, manage inventory, and handle orders, while admins oversee platform operations, users, and transactions.

- Technologies: PHP, MySQL, HTML, CSS, JavaScript.

2. Secure_App

Secure_App is a PHP web application that implements Authentication, Authorization, and Accounting (AAA) principles to ensure secure user access. It features SHA-256 password hashing, multi-factor authentication (MFA), secure session management, and encryption for sensitive data. The admin dashboard provides role-based access control (RBAC), allowing administrators to manage users, monitor activity, and maintain system security. By following modern security practices, Secure_App protects against unauthorized access and ensures data privacy.

- Technologies: PHP, MySQL, SHA-256, HTML, CSS.
- Host link: https://tashini.infinityfreeapp.com/

3. Heart Attack Prediction System

The Heart Attack Prediction System is a machine learning-based web application that predicts the risk of heart attacks using user health data. With an easy-to-use interface, users can input their medical information, such as age, blood pressure, and cholesterol levels, to receive real-time predictions. The system utilizes a Random Forest Classifier to analyze the data and provide accurate risk assessments, helping users make informed decisions about their heart health.

- Technologies: Python, Flask, MySQL, scikit-learn, HTML, CSS.

4. BODO_APP

A boarding accommodation system that provides both a web and mobile app for finding and booking boarding accommodations. The web app is developed using Node js and React, while the mobile app is created with React Native. This app helps users locate temporary accommodations near their educational institutions or workplaces.

- Technologies: Node js, React, Flutter, MySQL.

5. Medi Pill Distribution System (Mobile & Web App)

The Medi-Pill Distribution System is a PHP-based web application designed for managing user registrations in a medication dispensing system. It allows users to securely register their accounts with password hashing for enhanced security. The application features a responsive interface and efficient error handling, ensuring a smooth user experience. This system provides a robust solution for managing users and their access to the medication distribution platform.

- Technologies: HTML, CSS, PHP, MySQL, Firebase, Flutter.

REFERENCE

Mrs Sandaruwani Pathirage

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Mrs Shamali Kurukulasuriya

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