



DHANUSHA SAMARANAYAKE

UNDERGRADUATE SE

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About me


Responsible. self-motivated. Skilled, and dedicated undergraduate student willing to take on new challenges. with a sense of teamwork. I enjoy researching and learning about new technologies, as well as sharing my knowledge about them. Looking for an opportunity as a Software Engineering intern to get knowledge and experience in the IT field.

 www.Dhanusha_Samaranyake.com

 [Dhanusha_samaranyake](https://www.linkedin.com/in/Dhanusha_samaranyake)

 <https://github.com/DhanushaSamaranyake>

 <https://www.hackerrank.com/DhanushaS>

 <https://dev.to/dhanushasamaranyake>

EDUCATION

UNIVERSITY OF PLYMOUTH - FACULTY OF COMPUTING

BSc. (Hons) Software Engineering 2020 - 2023 (Pending results)

ST. JOHN'S COLLEGE PANADURA

2016 - 2018

G.C.E Advanced Level - Mathematic Stream

ST. JOHN'S COLLEGE PANADURA

2006 - 2015

G.C.E Ordinary Level

PROJECTS (ACADEMIC DESIGN & DEVELOPMENT)

Bus Booking and Tracking Mobile App

Client bus app

A mobile application designed for clients/passengers to conveniently book bus tickets, track buses in real-time, and access essential travel information. The app offers a user-friendly interface, secure payment options, and features to enhance the overall booking and travel experience.

Driver bus app

A mobile application designed specifically for bus drivers to enhance their efficiency and streamline their operations. The app provides essential features to assist drivers in managing their routes, communicating with passengers, and ensuring a smooth and safe journey.

Role: Full stack Development (Individual Project)

Technologies: Flutter, Google maps API, Firebase, Razor pay, Notification API

Bus Admin Panel Development using React JS

A web-based admin panel built using React JS, designed to provide administrators with a comprehensive platform to manage and monitor various aspects of the bus booking and tracking system. The admin panel offers features such as user management, bus route management, analytics, and data visualization.

Role: Full stack Development (Individual Project)

Technologies: React js, Bootstrap, Material-UI, Chart.js, D3.js, Redux, Axios, git

eCommerce Watch Web Application

A web-based eCommerce platform built using Angular and MongoDB, specifically designed for buying and selling watches online. The application provides users with a seamless and secure shopping experience, featuring a wide range of watches, user authentication, cart management, payment integration, and order tracking.

Role: Full stack Development (Individual Project)

Technologies: Angular, MongoDB, Angular Material, Bootstrap, PayPal, JWT (JSON Web Tokens), git

Technical skills

▶ Programming Languages

Java C
Python

▶ Web Development

HTML Bootstrap
JavaScript TypeScript
CSS Tailwind CSS
SASS Material-UI
React Nodejs

▶ Database

MySQL Firebase
MongoDB

▶ Backend Services

Firebase

▶ Mobile App Development

Flutter Kotlin
Java

▶ Application & Tools

Figma
Adobe After Effects

▶ IDEs

NetBeans Android Studio
Visual Studio

▶ Code Editors

VS code Sublime
Atom

▶ Version Controlling

git

Other skills

- ▶ Team Management
- ▶ Time Management
- ▶ Adaptability
- ▶ Communication Skill
- ▶ Problem Solving

Netflix Clone Web Application

A web-based clone of the popular streaming platform Netflix, developed to provide users with a similar user interface and streaming experience. The application offers features such as user authentication, content categorization, search functionality, video playback, and responsive design.

Role: Full stack Development (Individual Project)

Technologies: React js, Material-UI, Tailwind CSS, Movie/TV show data API (e.g., TMDb), git

Train Railway Management System

A software application developed using C# and SQL database to manage and automate various aspects of train railway operations. The system provides functionalities for train scheduling, ticket booking, passenger management, and reporting, aimed at enhancing efficiency and improving the overall railway management process.

Role: Team Leader, Full stack Development (Train Add, Deleted, Retrieve and Admin Dashboard)

Technologies: C#, Microsoft SQL Server, Visual Studio, git

Shopping App

A mobile application developed using Kotlin that provides users with a seamless and secure platform for online shopping. The app integrates with Firebase for user authentication, real-time database management, and cloud storage, while also incorporating Razor pay for secure payment transactions.

Role: Team Leader, Full stack Development (Auth, Payment, Cart and Firebase backend)

Technologies: Kotlin, Android, Firebase, Razor pay, git

RDA-Web project (Road Development Authority Web Application)

A web-based application developed using ASP.NET with a SQL database, specifically designed for managing road development projects and related activities. The application provides functionalities such as project tracking, documentation, resource management, and reporting, aimed at streamlining road development processes and enhancing project efficiency.

Role: Full stack Development (Admin Dashboard and Auth)

Technologies: ASP.NET, Microsoft SQL Server, ASP.NET Web Forms, ASP.NET MVC, git

ACHIEVEMENTS & PARTICIPATIONS

GLOBAL EVENT - HACKTOBERFEST 2022 (In the Top 500)

Hacktoberfest - October 2022
Open-source projects

GLOBAL EVENT - HACKTOBERFEST 2023 (In the Top 100)

Hacktoberfest - October 2023
Open-source projects

PARTICIPATE QUIZ IN IPT ON NSBM - EXACTPRO (5th Place)

Get the 5th place in the Quiz in NSBM - 2022

NON-RELATED REFEREES

Ms. Pavithra Subhashini

Senior Lecturer / Head

Department of Computer Science and
Software Engineering

University of NSBM,
Mahenwaththa,
Pitipana, Homagama,
Sri Lanka

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Dr. Mohamed Shafraz

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