



DINUKA EKANAYAKE

Software Engineer

I'm an enthusiastic, self-motivated, responsible, and friendly person. I am an excellent team worker and adaptable to all challenging situations. I have good listening and communication skills. I am well organized and always plan ahead to make sure I manage my time well.

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github.com/DinukaEk

WORK EXPERIENCE

Software Engineer

Csquare Technologies Private Limited | Jun 2023 - Jun 2024

Working as a Software Engineer in Csquare Technologies Private Limited since June 2023. As an Intern - Software Engineer and Software Engineer I have responsibilities to develop, maintain, and test ongoing web-based ERP systems developed by the company.

- Developed web-based ERP systems using PHP, HTML, and JavaScript.
- Efficiently managed databases, ensuring data integrity and availability.
- Integrated SMS and Payment Gateways, enhancing user experience and functionality.
- Utilized version control systems to collaborate on development projects.

Mainly working with : PHP, HTML, CSS, JS

SKILLS

HTML/CSS

SQL

Python

JavaScript

PHP

C/C++

Java

UI/UX

Firebase/MongoDB

React

Photoshop

MS Office

EDUCATION

BSc (Hons) in Engineering in Information and Communication Engineering (Software Engineering)

SLTC Research University | 2019 - 2025

- Specializing Software Dev & Design | OOP | DS & Algorithms | DBMS | Cloud | Data Science | Telecommunication | ML DL NN

Advanced Level in Physical Science Stream

Ranabima Royal College | 2008 - 2016

PROJECTS

A Real-Time Augmented Reality-Based Try-on Tool For Fashion E-commerce

I created a virtual try-on tool that can try on garment products virtually in real time to avoid the troubles of people who are using online shopping methods. In this tool, users can upload images provided by online sellers and try garments on virtually.

Based on: Python

PROJECTS

Moodify – Emotion-Based Music Recommendation Web App

I developed a web application that detects the user's emotional state and recommends personalized music playlists using real-time emotion analysis and the Spotify API. The app integrates a machine learning model with a Flask backend and features a responsive frontend for smooth user interaction.

Based on: Python, Flask, TensorFlow/Keras, JavaScript, HTML/CSS, Spotify API

Agri Mart Android Application Project

Agri Mart is an online shopping app that creates a digital market for all kinds of agricultural products. Everyone can sell their products and buy products through this application.

Based on: Java, Firebase

Database Management

I have created several databases related to my curriculars which include in courses that I follow. I'm good at creating ER diagrams, normalization, and designing databases.

Based on: SQL, Nodejs, MongoDB

Web Development

I'm a self-learner in web development and I have created several websites for learning. I have used HTML, CSS, Javascript, PHP, and React to create websites.

Based on: HTML, CSS, Javascript, PHP, React

STRENGTHS

Creative Problem-Solving

Critical Thinking

Leadership

Flexibility

Communication

Strategic Planning

Teamwork

Organization

Creativity

Responsibility

Public Speaking

Effective Time Control

VOLUNTEER EXPERIENCE

Vice Chairman

IEEE Computer Society Student Branch Chapter of SLTC | 2021 - 2022

Best Student Branch Chapter Recognition at IEEE Boost 2021 by IEEE Sri Lanka Section

Student Advisor - HackTron v1 .0 Project consisting

Phase 1 - 10 Day Game Development Bootcamp

Phase 2 - Inter-Uni Game Dev Hackathon (First Ever Hackathon by SLTC)

Phase 3 - RISE UP Industrial Talks

Student Advisor - Month of CodegeNiX 2021 Project which was a program series consisting of

1) Panel Discussion on How to become successful in IT Industry

2) Road to CODEMANIA 21' - Python Fundamentals and Algorithmic Workshop Series

3) AdaGrad 21' - Introduction to Machine Learning Workshop

4) CODEMANIA v2.0 - SLTC's First-Ever Algorithmic Programming Competition

Treasurer

Media Unit of SLTC | 2021 - 2022

Have completed several fundraising projects to collect funds for the Media Unit and held the position of Treasurer on several inter-university projects. Currently holding the position of Advisor to the Executive Committee.

VOLUNTEER EXPERIENCE

Vice Chairman

CYBERHAT 1.0 project | Dec 2020 - Jan 2021
IEEE Computer Society Student Branch Chapter of SLTC

"CYBERHAT 1.0 - Getting Started with Cybersecurity and Ethical Hacking" Project. The online workshop for those who are interested in cybersecurity & the ones who are searching for a cybersecurity career path.

Publicity Team Head

IEEE Computer Society Student Branch Chapter of SLTC | 2020 - 2021

Have completed several fundraising projects to collect funds for the Media Unit and held the position of Treasurer on several inter-university projects. Currently holding the position of Advisor to the Executive Committee.

Publicity Team Head

Road to Codemania project | 2020
IEEE Computer Society Student Branch Chapter of SLTC

Road to Codemania is a webinar series which was organized to improve knowledge about coding languages and improve competitive coding skills of SLTC students.

Media and Publicity Team Deputy Head

Leo IEEE Sinhalese Docs Project | 2020 - 2021

An all-island youth empowerment project collaboratively done by the IEEE Student Branch of SLTC and the Leo Club of SLTC.

Promotional and Social Media Team Deputy Head

Green Innovation Sri Lanka - Project GISLA | 2020
IEEE Student Branch of SLTC

An all-island video documentary and digital art competition organized by the IEEE Student Branch of SLTC.

Photographer and Graphic Designer

Media Unit of SLTC | 2019 - 2022

Have covered more than 120 events as a photographer and worked as a graphic designer in media unit of SLTC.

INTERESTS

Photography

Videography

Reading

Video Games

Illustration

Movies

REFERENCES

Mr. Yohan Pandigama

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SLTC Research University
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Ms. Luckshini Fernando

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I hereby declare that the details enlisted in this document are true to my knowledge.


Dinuka Ekanayake