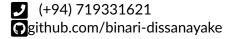
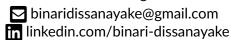
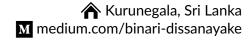
# Binari Dissanayake

Software Engineer







### **About Me**

I am passionate about exploring innovative approaches to problem-solving, enhancing efficiency, and creating user-centric designs. As a committed team player and fast learner, I am eager to bring my technical skills and enthusiasm to a dynamic company that values growth, collaboration, and continuous improvement

## **Experience**

**GPV**Software Engineering Intern

Negombo, Sri Lanka
Feb 2024 – Sep 2024

• Training Management System

- Enhanced backend functionalities and resolved Critical bugs in the Test Development Reporting System.
- Developed a reporting feature for material tracking in the Material Toolbox and implemented permissions management for secure access.
- Conducted testing, troubleshooting, and end-user training to ensure system reliability and efficiency.
- Conducted KT sessions for new interns.

Peoples Bank
Bank Assistant
August 2020 - May 2021

Customer Handling

## **Projects**

Enhancing Regulatory Compliance and Efficiency of Decentralized Equity Investment Platforms Using DAG based Blockchain Architecture - Final Year Research

- Conducted a research on utilizing DAG-based blockchain to improve scalability and security in decentralized equity investment platforms. Proposed an identity-aware trading mechanism integrating KYC management with semi-fungible tokens to ensure regulatory compliance and enhance investor trust.
- Roles: Team Leader, Full Stack Developer and Researcher

#### Training Management System (TMS) - Internship Project

- Designed and developed a Training Management System to streamline employee training tracking and scheduling.
- Technologies: ASP.NET MVC, .NET 8, Power BI, SQL

#### Blockchain Based Vehicle Registration and Ownership Management System

- The blockchain-based vehicle marketplace offers a secure and efficient platform for vehicle trading. It enables the conversion of physical assets into digital assets and adopts Self-Sovereign Identity for enhanced privacy and security.
- Roles: Team Leader, Full Stack Developer
- L2-Software-Project

#### **Automated Camera Stand**

- Developed an automated camera stand focused on avoiding danger for the wildlife photographer and the safety of the camera.
- Tools: Atmel Studio, KiCad, Proteus, Blender
- L1-Hardware-Project

## **Education**

**Bsc Hons in Information Technology** 

University of Moratuwa (CGPA:3.72)

Level 4 Semester 1 GPA: 3.94

Central College Kuliyapitiya

GCE Advanced Level (Chemistry: A Physics: B Com.Maths: B)

June 2021 - August 2025

2019

2017

Z Score: 1.7926

## **Skills**

Languages: C, C#, Java, JavaScript, LaTeX, Python, SQL

Web Development: HTML/CSS, ASP .NET, Django, Bootstrap, Tailwindcss

**Version Control:** Git, Github **Databases:** MySQL, MSSQL

Tools and Editors: Visual Studio, Android Studio, Visual Studio Code, IntelliJ Idea, Atmel Studio

Test Automation: Cypress, Cucumber

UI/UX Design Figma

## **Publications**

"Enhancing Regulatory Compliances and Efficiency of Decentralized Equity Investment Platforms – A Critical Evaluation" - Presented at ICTIS 2025, Thailand - Link

## Certifications

- "Introduction to Data Analytics in Google Cloud" Google Cloud
- " Python For Beginners" open.uom.lk
- " Web Design For Beginners" open.uom.lk

## **Extra Curricular Activities**

#### **IT Faculty University of Moratuwa**

- Main Batch Representative Level 3
- Company Coordinator INTECS 2023

#### IEEE Student Branch University of Moratuwa (2022 -2023)

- Leader of Editorial Team MoraUXplore 1.0 Event
- Committee Member

#### IEEE WIE Student Branch Affinity Group of University of Moratuwa (2022 - 2024)

Committee Member

## Leo Club of University of Moratuwa (UoM Leos)

Leo Prospector

#### Non Related Referees

#### K A Dilini T Kulawansa

Senior Lecturer
Department of Computational Mathematicse dilinik@uom.lk
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#### Akila Wasala

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