







# Binari Dissanayake

Software Engineer

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## 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

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## 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

Makandura, Sri Lanka

August 2020 – May 2021

- Customer Handling

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## 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
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## Education

**Bsc Hons in Information Technology**

University of Moratuwa (CGPA:3.72)

Level 4 Semester 1 GPA: 3.94

June 2021 – August 2025

**Central College Kuliyaipitiya**

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

2019

Z Score: 1.7926

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## 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

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## Publications

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

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## Certifications

" Introduction to Data Analytics in Google Cloud" Google Cloud

" Python For Beginners" open.uom.lk

" Web Design For Beginners" open.uom.lk

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## 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
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## Non Related Referees

**K A Dilini T Kulawansa**

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Department of Computational Mathematicsc

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