



# DILSHAN PATHEGAMAGE

## SOFTWARE ENGINEER INTERN

### CONTACT

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### TECHNICAL SKILLS

#### Programming Languages

- Java
- C
- C#

#### Web Development

- React Js
- Asp.Net
- JavaScript
- TypeScript
- HTML
- CSS
- Bootstrap

#### Databases

- MYSQL
- MSSQL

#### Version Controlling

- Git

#### Cloud

- Azure

#### Project Management Tools

- Jira

### INTERESTS

- 3D Modelling
- Travelling
- Hiking

### LANGUAGES

- Sinhala (native)
- English
- French (basic)

### ABOUT ME

I am a responsible, self-motivated IT undergraduate with solid leadership qualities and a strong team spirit. With a passion for taking on new challenges through logical and creative thinking, I am seeking an **internship** opportunity as a **Software Engineer** to apply my skills, adapt to new technologies, and make valuable contributions to the IT industry.

### EDUCATION



#### University of Moratuwa

JUN 2022 - JUN 2026

#### Bsc.(Hons) in Information Technology

- Level 1 Semester 1 SGPA : 3.08
- Level 1 Semester 2 SGPA : 3.27
- Level 2 Semester 1 SGPA : 3.69
- Current GPA - 3.35 (out of 4.0 - up to L2S1)



#### Evotech Education Institute, Sri Lanka

MAR 2023

- Completed JAVA language master course



#### Galahitiyawa Central College - Ganemulla

#### G.C.E. Advanced Level

OCT 2020

- Stream - Physical Science
- Combined Maths - A | Chemistry - B | Physics - B



#### St. Sebastian's College - Kandana

#### G.C.E. Ordinary Level

DEC 2016

- Results - 6A's | 2B's | 1S

### PROJECTS

#### TicketMate - Public Transport E-Ticketing System (Level 2 Software Project - Mentored by Bistec Global)

The public transport-focused web application includes searching for trains and buses, reserving seats on trains and buses by making online payments, changing and canceling reservations with a refund, live tracking, emergency updates, registering vehicles and drivers, scheduling vehicles, and income prediction. This addresses the challenges in the public transportation system. In this project, I have developed the functionalities for searching for trains and buses, reserving seats, changing and canceling reservations, and managing passenger profiles.

- Role - Full Stack Developer, Ui/Ux Designer
- Technologies - React Js, TypeScript, Asp.Net, MsSql, Bootstrap, Azure Cloud

Front-end repository

Back-end repository

## SOFT SKILLS

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- Leadership Skills
- Communication Skills
- Team Work
- Critical thinking
- Problem Solving
- Adaptability
- Volunteering
- Time Management

## WORK EXPERIENCE

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- Banking Assistant (Intern)  
People's Bank - Kandana Branch  
Feb 2021 - May 2022

## EXTRA- CURRICULAR ACTIVITIES

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- **Rotaract Club of UoM**  
Organizing committee member -  
Binara Padura 2023
- **Mora Hiking Club**  
Member of the term 23/24
- **School cricket team (Hard-ball)**  
Captain (2013 - 2015) ,  
Member (2011 - 2016)
- **School Prefect**  
2010, 2016
- **Annual Inter House Sports Meet**  
Cricket - First Place (2014)
- **Committee Member**  
ICT Society, Science Society,  
Mathematics Society

## REFERENCES

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### Ms. K.M.S.J.Kumarasinghe

Lecturer,  
Department of Information  
Technology,  
Faculty of Information  
Technology,  
University of Moratuwa.  
Tel: +94 71 100 5953  
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### Ms. D.G.A.Devindi

Software engineer  
Bistec Global  
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Email: [dgadevindi@gmail.com](mailto:dgadevindi@gmail.com)

## PROJECTS CONT...

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### Similify - Similar Image Finder from a Large Image Set

#### (Individual Project)

Similify enables users to upload a large image set and search for similar images by uploading a single image. The system then finds and displays similar images along with their file names, providing an efficient image-based search solution.

- Role - Full Stack Developer
- Technologies - React Js, TypeScript, Bootstrap, Asp.Net, OpenCV

[!\[\]\(235bfe13ebf007ce2eea9e689707fac7\_img.jpg\) Front-end repository](#)

[!\[\]\(eabd9f9ababee93effadc3b380fe65fd\_img.jpg\) Back-end repository](#)

### NeurA - Chatbot (Individual Project)

NeurA is a dynamic chatbot platform designed to enhance user interactions by providing quick, accurate, and well-organized responses. The front-end is ensures seamless user experience across various devices, while the back-end integrates with the Google Gemini API.

- Role - Full Stack Developer, Ui/Ux Designer
- Technologies - React Js, TypeScript, Bootstrap, Google Gemini API

[!\[\]\(a73c1962d20a39dd8fd6a060ae69693f\_img.jpg\) GitHub repository](#)

[!\[\]\(f507db636256ac11a5525ef93ec6b8d7\_img.jpg\) Visit NeurA](#)

### CompeteNow - Competitions Publishing Platform (Ongoing)

CompeteNow is a web application that centralizes all educational competitions from various organizations, providing a solution for students to discover opportunities. Organizers can log in, publish, update, and manage their competitions, making it easier to reach a broader audience. Users can search for competitions using filters such as age level, school or university level, and date.

- Role - Full Stack Developer, Ui/Ux Designer
- Technologies - React Js, TypeScript, Asp.Net, MsSql, Tailwind Css

### Multi-Colour Wall Art Machine (Level 1 Hardware Project)

The designed hardware solution can create an image on the wall or fabric using colors. We have built a machine that will create the image on a wall or fabric which was input through a laptop, the height and width are entered, and the art or design is drawn on the wall or fabric by spraying the ink from the nozzles. This can make quick and cost-effective artwork.

- Technologies - C, Arduino, CNC
- Role - Team Leader

## ACHIEVEMENTS AND PARTICIPATIONS

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- **SLIIT Codefest 2022-Finalists**  
Won merit award at the hackathon under the tertiary category of SLIIT Codefest 2022 final round.
- **Openhack 2.0 Designathone 2023-Finalists - Organized by IIT**  
Won merit award at the Designathon final round
- **HackX 2023 - Organized by University of Kelaniya**  
Participations upto semi-finals
- **Code Rush 2023 - Intra Faculty Coding Competition**  
Participation
- **Devthon 2024**  
Participation
- **IDEALIZE 2024 - Organized by AIESEC in University of Moratuwa**  
Participations upto second round
- **HackMoral 6.0 2024 Organized by INTECS**  
32 nd place in the batch 21 at faculty of IT (Individual)