



# Pudara Dewdini

## Software Engineer


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 pudara-dewdini

 Dewdiii

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 Galle, Sri Lanka

A responsible, self motivated Software Engineering enthusiast with solid leadership qualities and a strong team spirit. Passionate about taking on new challenges and applying creative thinking. Seeking an opportunity as a Software Engineer to apply skills, adapt to new technologies, and make valuable contributions to the IT industry.

## Experience

### Software Engineer Intern

May 2024 - Oct 2024

Sri Lanka Telecom

- Completed a 6-month full-time internship as a member of the PowerProx team, focusing on creating an app to manage the electrical-related assets of their Power and Operations Department.

## Education

### University of Moratuwa

Jun 2021 - Jun 2025

B.Sc. (Hons) in Information Technology & Management

- CGPA - 3.1 | L4S1 SGPA - 3.50

### Sacred Heart Convent Galle

G.C.E Advanced Level Examination 2019 - Commerce Stream

- ICT: B | Accounting: A | Business Studies: A | District Rank: 10 | Island Rank: 98 | Z-score: 1.76

G.C.E Advanced Level Examination 2015

- 6As 2Bs 1S

## Projects

### 1. Predicting and Assessing Business Loan Applicants in Sri Lanka

Sep 2024 - July 2025

Final Year Research Project

- This research project focused on assessing and predicting business loan applicants in Sri Lanka. My contribution involves aligning import/export trade data to enhance industry-wise trade growth predictions and integrating all modules to risk-based loan category predictions.
- Tech Stack** : Python, ML, RNN, LSTM, GRU

### 2. Sports Arena Booking System

Sep 2022 - Jun 2023

Level 2 Group Software Project

- This is a group project claimed by an IT company to develop a web application for sports arenas and players to manage their bookings and payments easily in Sri Lanka.
- Tech Stack** : React, Node Express Js, MongoDB, Postman

### 3. SLT Powerprox App

May 2024 - Sep 2024

Individual Internship Project

- Worked as the mobile app developer, UI/UX engineer, and business analyst during my internship period on the Fault Management System, which manages faults that occur in assets at SLT.
- Tech Stack** : Flutter, Android Studio, Figma

## Projects Cont'd

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### 4. NYC Taxi-Spark Analysis

June 2025

#### Group Project

- An Apache Spark project analysing NYC Yellow Taxi trip data to uncover trends, forecast fares, and visualise geospatial insights.
- **Tech Stack** : Apache Spark, Python

### 5. Serenity BDD UI & API Testing Suite

Jan 2025

#### Group Project

- Developed a project using Serenity-BDD for UI and API testing, Rest Assured, and Cucumber, with GitHub Actions for automated CI/CD and detailed test reports.
- **Tech Stack** : Serenity BDD, Rest Assured, Cucumber, GitHub Actions

### 6. Financial Accounts Management System

Apr 2022

#### Group Project

- A user-friendly and efficient platform for accounting.
- **Tech Stack** : HTML, JavaScript, PHP, MySQL

### 7. Smart Wardrobe

Jun 2021 - Jun 2022

#### Level 01 Hardware Project

- A group project aimed at security, automatically drying machine-washed clothes, and lighting up the wardrobe when it is opened by detecting the person.
- **Tech Stack** : C language, Atmel Studio, Proteus and Blender

## Skills

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- **Programming Languages** : Java | JavaScript | TypeScript | Dart | C
- **Web and Mobile Development**: HTML | CSS | React | Node Express Js | Flutter
- **Databases** : MySQL | MongoDB
- **Tools & Services** : Git | Firebase | Docker | Jenkins | ClickUp | Postman | Hadoop | Apache Spark
- **Testing & Automation** : Serenity BDD | Cucumber | RestAssured
- **Soft Skills** : Leadership Skills | Team working | Communication skills
- **Other** : Blender | Figma | Visual Studio Code | 3D Modeling | Android Studio
- **Interests and Hobbies**: Artificial Intelligence | Big Data Analytics | Photography | Psychology | Teaching

## Extracurricular Activities

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- IEEE NFB Championship - Organising Committee
- IEEE Nena Sawiya - Design committee
- IEEE Futuro 2.0 - Design committee
- Rotaract Club Nena Aruna project - Teaching
- FIT Moments - Photographer

## Referees

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### Dr. Chaman Wijesiriwardana

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