

Dewmini Ariyaratne

UNDERGRADUATE

I'm a Software Engineering undergraduate who loves exploring new technologies and bringing ideas to life through code and design. I'm passionate about building intuitive digital experiences and constantly learning to improve my skills. Whether it's designing user-friendly interfaces or developing software solutions, I enjoy the process of creating and problem-solving.



076-2939736



nilupul1025@gmail.com



Pitipana North, Homagama



www.linkedin.com/in/dewmini-ariyaratne-933587270



<https://github.com/nilupul-dew>

EDUCATION

BSc Honours in Software Engineering | 2023-2026

National School of Business Management

- GPA: 3.91 (BSc Hons. in Software Engineering, 2023-2026)

SKILLS

Programming Java C JavaScript PHP SQL

Currently Learning: Python MERN stack Flutter Firebase

Frontend HTML CSS JavaScript React Tailwind

Backend Java (Java EE, Spring Boot – basic) PHP SQL (PLSQL)

Mobile Flutter & Firebase (in progress)

UI/UX Design Wireframing Prototyping HCI Principles(Figma)

Testing Manual Testing Selenium(Basic)

Tools & Version Control Git GitHub VS Code NetBeans Android Studio

Other Skills DB Connectivity Debugging Critical Thinking Problem Solving Teamwork

PROJECTS

PROCUREMENT MANAGEMENT SYSTEM

For NSBM procurement division

- Description:** Developed for NSBM's Procurement Department to streamline the purchase request and tracking process.
- Development Tools:** HTML, CSS, JavaScript, PHP, SQL, Microsoft Authentication.
- Key Features:** Request approval/rejection for managers, real-time tracking, and comprehensive procurement data reporting
- Letter of Appreciation:** https://www.linkedin.com/posts/dewmini-ariyaratne-933587270_innovation-universitysolutions-teamwork-activity-7287341574479364096-1VY1?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEJK-HcBy-mhGpXaYlclVaoGeaTE6vBVO3g

AMBA CAMPING MOBILE APP

Group project - Year 3 semester 1

- Description:** Developed a mobile application with the features to rent camping gear, connect with hikers and join group trips(community platform), and get up-to-date information on camping sites.
- Development Tools:** Flutter, Firebase
- Contribution:** Implemented both frontend and backend of the search feature (with filtering), individual item pages, renting logic, add to cart feature, checkout page, and notification management.
- Repository link:** https://github.com/nilupul-dew/MAD_Group_09.git

HOSPITAL INVENTORY MANAGEMENT SYSTEM

Group project - Year 2 semester 2

- **Description:** Developed a Standalone system for managing hospital inventory information.
- **Development Tools:** C# (Windows Application), SQL Server.
- **Contribution:** Conducted process discovery, mapping, and redesigning through detailed diagrams.
- **Repository link:** <https://github.com/nilupul-dew/hemasHospitalDrugInventory>.

SHOPPING CENTER WEB APPLICATION

Group project - Year 2 Semester 1

- **Description:** Developed a Online shopping platform with cart functionality and payment processing using java enterprise edition
- **Development Tools:** HTML, CSS, JavaScript, Java Servlets, SQL.
- **Contribution:** Developed cart functionality and assisted with database design and user management in the admin panel.
- **Repository link:** <https://github.com/kavinduabc/Dias-Family-Web>

TODO APPLICATION

Individual project

- **Description:** Developed a simple to do application using java to add and delete todos
- **Development Tools:** Java
- **Repository link:** <https://github.com/nilupul-dew/toDoSwingApp.git>

CAFE MANAGEMENT APPLICATION

Individual project

- **Description:** Developed a simple java GUI application (stand alone) for managing the billing in a cafe.
- **Development Tools:** Java
- **Repository link:** <https://github.com/nilupul-dew/CafeMgtSystem.git>

EXPENSE TRACKER MOBILE APPLICATION

Individual project

- **Description:** Developed a simple mobile app to track the individual expenses.
- **Development Tools:** Flutter, Firebase, Bloc
- **Repository link:** https://github.com/nilupul-dew/expenses_tracker.git

REFERENCES

Mr. Saravanapavan Nasiketha

Senior Lecturer | NSBM Green University

- **Email:** naji@nsbm.ac.lk
- **Mobile:** +94 11 544 5000 (ext 1228) / +94 77 759 8083

Ms. Yasanthika Mathotaarachchi

Lecturer | NSBM Green University

- **Email:** yasanthika.m@nsbm.ac.lk
- **Mobile:** +94774571555