

# DIMALSHA PERERA

Software Engineer



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Negombo , Sri Lanka

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## ABOUT ME

Passionate Computer Science student with hands-on experience in building full-stack web and mobile applications. Proficient in modern technologies including React, Node.js, and Java, C++, with a proven ability to develop, integrate, and deploy dynamic solutions like a movie discovery platform and an e-commerce website. Eager to apply my technical and problem-solving skills to contribute to innovative projects in a collaborative internship.

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## EDUCATION

### BSc (Hons) in Computer Science | Expected Oct 2026

SLIIT City Uni (Awarded by the University of Bedfordshire)

- GPA: 3.55 / 4.0 (First Year, First Semester)
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Software Engineering

**G.C.E. Advanced/Ordinary Levels** | Maris Stella College, Negombo

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## TECHNICAL SKILLS

- **Languages:** Java, JavaScript, C++, Python, PHP, SQL, C
- **Web & Frameworks:** React, Node.js, HTML, CSS, Express.js
- **Databases & Tools:** MySQL, Git/GitHub, Power BI, Selenium (Automation Testing)
- **IDEs:** IntelliJ IDEA, Android Studio, Visual Studio Code, NetBeans

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## PROJECTS

### Soul Sync Events Website

- Developed a mobile-responsive React website for a Melbourne-based event management company to showcase their portfolio and promote events.
- Collaborated with the client to gather requirements and adapted to changing specifications using agile development, delivering the project on schedule.
- Implemented key sections including upcoming/past events and integrated "Buy Ticket" buttons that redirect to their official ticketing agent.
- GitHub - <https://github.com/perera99-msd/Soul-Sync>

### Sphinx Flick (Movie Discovery Web App)

- Engineered a full-stack movie discovery application with a React.js frontend and a RESTful API built with Node.js & Express.js.
- Integrated two third-party APIs (The Movie Database - TMDb) to dynamically fetch and display movie details, cast information, and YouTube trailers.
- Implemented core features including user authentication, a responsive movie catalog, and an embedded trailer viewer, enhancing user engagement.
- GitHub - <https://github.com/perera99-msd/Sphinx-Flicks>

### Anuradha Hardware E-Commerce Website

- Designed and developed a full-stack e-commerce platform utilizing a PHP/MySQL backend and a JavaScript frontend.
- Architected a secure user authentication system and implemented shopping cart & checkout functionality, enabling end-to-end online transactions.
- Managed database schema and queries to ensure efficient data handling for products, users, and orders.
- GitHub - <https://github.com/perera99-msd/Anuradha-Hardware>

### Weather Checking App

- Developed a native Android weather application in Java that fetches and displays real-time weather data from a public API.
- Integrated a secondary API to dynamically change the app's background based on current weather conditions.
- Designed an intuitive and user-friendly interface for quick access to weather forecasts.
- GitHub - <https://github.com/perera99-msd/WeatherApp-Android->

### Medicare Management System

- Built a comprehensive desktop application in Java using IntelliJ IDEA to manage clinic operations, including doctor and patient records and appointment schedules.
- Implemented core CRUD (Create, Read, Update, Delete) functionalities for efficient record management.
- GitHub - <https://github.com/perera99-msd/MedicareApp>

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## REFERENCES

Available upon request.