



THAMINDU WEERASINGHE

IT UNDERGRADUATE | DATA SCIENCE & FULL-STACK DEVELOPMENT

LinkedIn: linkedin.com/in/thamindu-weerasinghe-6b2aa3342

GitHub: <https://github.com/Tnadeeja>

Portfolio: <https://thaminduweerasinghe-portfolio.vercel.app/>

Phone: +94 76 582 6516 | Email: nadeejatw@gmail.com

SUMMARY

Undergraduate in Data Science with a solid understanding of programming, data-driven systems, and full-stack development of applications. Skilled at creating real-world applications using modern web and mobile development technologies. Familiar with programming languages such as Python, data analysis tools, and scalable software development methodologies. Currently, learning the fundamental skills required to become proficient in statistical modeling, data warehousing, and analytics, and at the same time, applying the learning to real-world applications through academic and personal projects. A motivated learner with a practical mindset, eager to write clean code, tackle real-world problems, and become a data-driven software professional.

SKILLS

Programming Languages: Python, Java, JavaScript, C, SQL, PHP

Web & Full-Stack Development: HTML, CSS, Tailwind CSS, React.js, Next.js, Node.js, Express.js

Data Science & Analytics: NumPy, Pandas, Matplotlib, Power BI (data visualization & dashboards)

Databases: MySQL, MongoDB, Database design & querying

Tools & Platforms: Git, GitHub, VS Code, Visual Studio, Android Studio, SQL Workbench, Power BI, RStudio

EDUCATION

Advanced Level - Combined Maths, Physics and Chemistry

2021

Harischandra National College, Negombo, Gampaha District, Western Province, Sri Lanka

BSc (Hons) in Information Technology Specializing in Data Science

2023 - Present

Sri Lanka Institute of Information Technology (SLIIT)

CURRENT ACADEMIC FOCUS (YEAR 3 - SEMESTER 1)

Currently building strong foundations in data science, analytics, and software systems through the following core modules:

- Theory and Practices in Statistical Modeling
- Data Warehousing and Business Intelligence
- Programming Applications & Frameworks
- Database Systems and Data-Driven Applications

ACADEMIC PROJECTS

Personal Portfolio Website

- Creating a responsive portfolio to display and summarize full-stack or data-centric projects.
- Provides users with support for dark and light modes, offers smooth animations, allows for easy navigation by recruiters.

Tech: Next.js, React, Tailwind CSS, Framer Motion

GitHub: <https://github.com/Tnadeeja/NadeejaPortfolio>

Full-Stack E-Commerce Platform (MERN Stack) - Group Project

- Created an ready-to-go online retail site encompassing three distinct user cases: customer, administrator, delivery person.
- Built complete business workflows including order processing, inventory management, delivery tracking, returns, and refunds
- Integrated multiple payment methods: Cash on Delivery, Bank Transfer (with slip upload), and card payments (PayHere – sandbox).

Tech: React, Node.js, Express.js, MongoDB, Docker, Nginx

GitHub: <https://github.com/SupunKalharaJayasinghe/clothing-e-commerce>

BrightWell – Personal Wellness & Habit Tracker (Android)

- Built an Android application to help users track daily habits, moods, and hydration.
- Implemented habit streaks, progress tracking, mood journaling with emoji selection, and background hydration reminders.
- Used SharedPreferences with Gson for local data persistence following an MVVM-lite architecture.

Tech: Kotlin, Android Studio, MVVM, SharedPreferences

GitHub: <https://github.com/Tnadeeja/BrightWell>

SmartStock - Online Stock Management System - Group Project

- Developed a web-based inventory and stock management system for businesses.
- Implemented role-based access for Admin, Stock Manager, Sales Manager.
- Supported stock purchasing, outgoing inventory, returns, supplier/customer management, and report generation.
- Applied MVC architecture and core OOP principles for scalable system design.

Tech: Java, MySQL, HTML, Tailwind CSS, JavaScript

GitHub: <https://github.com/Tnadeeja/SmartStock>

BMI Calculator - Web Application

- Built a responsive web application to calculate BMI with interactive visual feedback.
- Focused on clean UI, mobile responsiveness, and vanilla JavaScript logic.

Tech: HTML, CSS, JavaScript

GitHub: <https://github.com/Tnadeeja/BMI-Calculator>

Online Teacher Trainer Web Application - Group Project

- Designed and implemented responsive front-end interfaces using HTML, CSS, and JavaScript.
- Developed backend functionalities with PHP and MySQL, including user authentication, role-based access control, and course management.

Tech: HTML, CSS, JavaScript, PHP, MySQL

GitHub: https://github.com/LakviduUpasara/Teach_wave_ELMS

CERTIFICATIONS & PROFESSIONAL LEARNING

- **Power BI for Beginners** - Microsoft
- **Python Programming** - University of Moratuwa
- **Python for Beginners** - University of Moratuwa
- **AI/ML Engineer Stage 1** - SLIIT
- **AI/ML Engineer Stage 2** - SLIIT

REFERENCES

Prof. Dharmika Weerasinghe

Dean of Faculty of Computing and Technology,
University of Kelaniya.

Phone: +94 71 960 7455

Email : hesiri@kln.ac.lk

Dr. J.S.N.P. Dharmawardena

Deputy Director of Department of Census and
Statistics.

Phone: +94 71 488 6869 /+94 76 787 1275

Email : priyadarshanastn@gmail.com