Luthira Gihan Dissanayeka

COMPUTER SCIENCE UNDERGRADUATE

📞 +94 71 633 0921 ✉ luthiradissanayake@icloud.com in LinkedIn GitHub

OBJECTIVE

Motivated third-year Computer Science student with hands-on experience delivering live web applications through freelance projects using PHP and MySQL. Eager to leverage strong technical skills in PHP, Complex SQL query design, and responsive interface development to support business analytics tools as part of a collaborative, feedback-driven team. Looking to grow professionally in an innovative environment that values proactive problem-solving, architectural thinking, and continuous learning. Ready to contribute meaningful improvements while learning from positive, skilled mentors.

HIGHLIGHTS

- Developed and deployed several live web applications as a freelance developer using PHP and MySQL.
- Strong proficiency in building optimized SQL queries, complex joins, and performance tuning for large datasets.
- Experience creating responsive web interfaces using HTML, CSS, JavaScript (jQuery, AJAX).
- Skilled in version control with Git and collaborative workflows using GitHub.
- Utilized AI developer tools to accelerate project delivery and enhance code quality.

PERSONAL PROJECTS

LEARNING MANAGEMENT SYSTEM FOR TUTION CLASS

- Developed and deployed a full-stack, non-traditional Learning Management System (nextlevelmaths.lk) for 1000+ advanced-level students using **PHP, MySQL, JavaScript (AJAX), HTML, and CSS**, featuring secure OTP-based logins for students and teacher.
- Integrated advanced analytics and data visualization-including motivational line charts and a unique self-motivation module-to enhance student engagement and provide actionable insights to teachers via a robust admin panel.
- Collaborated on attractive UI/UX design and implemented complex SQL queries, dynamic content, and scalable architecture to support responsive interfaces and seamless educational management.

WEB APPLICATION FOR CEYLON INSTIUE OF SPACE SCIENCE

- Developed a full-stack web application (ceylss.com) for Sri Lanka's pioneering space science institute using **PHP, MySQL, JavaScript (AJAX), HTML, and CSS,** prioritizing a highly professional UI/UX design to meet advanced client requirements.
- Enabled exam/result management, student feedback, dynamic news/gallery updates, and laid the foundation for a custom LMS in phase two.

HOTEL MANAGEMENT SYSTEM FOR NILAKRO HOTEL

- Developed an onsite hotel management solution using **PHP, SQL, HTML, CSS, and jQuery** for real-time bookings, guest tracking, and automated NIC scanning. (GitHub Repository)
- Implemented OTP security, dynamic billing, and a responsive interface designed for robust operation in limited connectivity environments.

ACADEMIC PROJECTS

E- COMMERCE WEB APPLICATION

- Developed a module project e-commerce site with PHP, MySQL, HTML, CSS, and AJAX, emphasizing backend optimization and secure transaction workflows. (GitHub Repository)
- Integrated a real-time payment gateway and essential e-commerce features within a streamlined, functional UI.

MOBILE APPLICATION

- Developed "Car Care," a Flutter app enabling real-time vehicle service management with Firebase integration and smart maintenance alerts. (GitHub Repository)

FINANCE MANAGEMENT SYSTEM

- Developed a modern web application with React, Tailwind CSS, and Express.js to provide real-time financial tracking, goal setting, AI-driven advice, and automated CI/CD deployment on Oracle Cloud. (GitHub Repository)

EDUCATION

- **BS c (Hons) COMPUTER SCIENCE** (Current GPA 3.20) Department of Computer and Data Science | NSBM Green University
- **G.C.E ADVANCED LEVEL** (PHYSICAL SCIENCE STREEM) Vijaya Collage, Matale, Sri Lanka, [C S S]

TECHNICAL SKILLS

PHP, CodeIgniter(learning), Laravel(learning), MySQL, JavaScript (jQuery, AJAX), HTML, CSS, GitHub, Figma, Firebase, Flutter, Dart, Java

SOFT SKILLS

Clear Communication, Team Player, Receptive to feedback, High accountability and ownership, Detail-oriented, Proactive problem-solving, Positive attitude and resilience, Adaptability and growth mindset, Self-management, Autonomy

REFERENCES

Mr. Saravanapavan Nasiketha
naji@nsbm.ac.lk
(Senior Lecture in NSBM)

Mr. Gayan Perera
gayanp@nsbm.ac.lk
(Lecture in NSBM)