# U.D Lahiru Sandaruwan

Full Stack Developer

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GitHub: https://github.com/lairubusiness

Portfolio: <https://udls-portfoliosite-uase.vercel.app>

## Professional Summary

Full Stack Developer with a strong academic foundation (HND + BSc in Software Engineering) and hands-on experience in web, mobile, and system development. Skilled in React, Next.js, Flutter, Firebase, Supabase, and SQL, with solid knowledge of Java, Python, C#, and PHP. Experienced in building REST APIs, deploying cloud-based solutions (Firebase, AWS, GCP), and applying Agile/Scrum practices. Proven ability to deliver scalable, user-friendly applications through freelance and academic projects.

## Education

BSc (Hons) in Software Engineering – Kingston University (2023 – 2025)

First Class

HND in Software Engineering – ESOFT Metro Campus (Graduated 2024)

Merit

Certificate Course in Computer Applications – IHRA, University of Colombo (2020)

Merit

Diploma in ICT – ESOFT Metro Campus

Diploma in English – British Council

Diploma in Graphic Design – SUCCESS IT institute

Diploma in Computer Studies – ESOFT Metro Campus

## Professional Experience

**Freelance Full Stack Developer | Remote | 2023 – Present**

- Developed and deployed full-stack applications using Next.js, Flutter, Firebase, and Supabase.  
- Built and integrated REST APIs, optimized databases, and implemented responsive UI/UX designs.  
- Collaborated with clients to deliver e-commerce platforms, management systems, and mobile apps.  
- Ensured quality via software testing, debugging, and documentation.

## Project Experience

Green Grow Manager (PHP, MySQL, Bootstrap, JavaScript)  
- Agricultural management system with role-based access, PDF reporting, and climate data tracking.  
GitHub: <https://github.com/lairubusiness/Green_Grow_Manager>

Smart Campus (PHP, MySQL, HTML, CSS, JavaScript)

Web-based campus management system with automated email notifications (SendGrid) and dynamic PDF report generation (TCPDF).  
GitHub: <https://github.com/lairubusiness/smart_campus_web.git>

Game Lounge (Flutter, Firebase, REST APIs)  
- Mobile app for exploring and sharing games with Google Sign-in, media sharing, and real-time data.  
GitHub: <https://github.com/lairubusiness/Game-Lounge-app.git>

Pizza Ordering System (Java, Swing, OOP)  
- Desktop-based ordering and billing system with intuitive GUI.  
GitHub: <https://github.com/lairubusiness/com.pizza.system.git>

EASYNEWS App (Flutter, React Native, REST APIs)  
- Cross-platform news aggregation app providing real-time feeds.  
GitHub: <https://github.com/lairubusiness/EASYNEWS-App\>

MySimpleNote (Flutter, Dart, SQLite)  
- Multi-platform note-taking app with offline data storage.  
GitHub: <https://github.com/lairubusiness/MySimpleNote-.git>

AI Chatbot (Next.js, Vercel, Supabase, OpenAI API)  
- Real-time AI chatbot with authentication, chat history, and responsive UI.  
GitHub: <https://github.com/lairubusiness/nextjs-ai-chatbot>

## Technical Skills

Programming: Java, Python, C#, JavaScript, Dart, PHP, SQL  
Frameworks & Libraries: Next.js, React, Flutter, Bootstrap, Tailwind CSS  
Databases: MySQL, MongoDB, Firebase, Supabase  
Cloud & DevOps: AWS, Google Cloud Platform (GCP), Vercel, Firebase Hosting  
Tools & Practices: Git, GitHub, REST APIs, Agile, Scrum, UI/UX Design, Software Testing

## Soft Skills

Leadership & Team Collaboration  
Communication & Problem-Solving  
Project Management  
Prototype & Diagram Design

## Languages

Sinhala (Native)  
English (Fluent)

## References

Thanuja Dissanyake – Deputy Head of Academic Affairs, ESOFT Metro Campus  
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