

W L P SENURA DINETH WIJESINGHE

Software Engineering Undergraduate · Frontend Engineer & UI/UX Designer

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Mobile — +94 76 527 9315 | Available for graduate software engineering and frontend roles.

SUMMARY

Final-year Software Engineering undergraduate at Plymouth University (UK) & NSBM Green University, with strong hands-on experience in front-end engineering and UI/UX design. I work across React, Tailwind CSS, Node.js, and Supabase. Still building core Figma skills, using AI tools, prompt engineering, and loop engineering to speed up and sharpen high-fidelity prototyping. Experienced in leading technical teams, managing full project life-cycles, and integrating AI-driven workflows and automation for smarter, more efficient, and more secure software delivery. Founder and Director of Lighthouse Films & Studio, demonstrating entrepreneurial initiative and creative leadership alongside technical excellence.

TECHNICAL AND PROFESSIONAL SKILLS

1) Frontend Engineering

- HTML5 — semantic, accessible markup for modern web applications.
- Tailwind CSS — utility-first styling for responsive, production-grade interfaces.
- React — component-based UI development with hooks and state management.
- Node.js — server-side JavaScript for API development and back-end integration.

2) Backend & Database

- Supabase — real-time database, authentication, and storage for web applications.
- ASP.NET Core 9.0 with C# — enterprise back-end development and REST APIs.
- Git / GitHub — version control, branching workflows, and collaborative code management.

3) UI/UX & Design Tools

- Figma — advanced UI/UX prototyping, component libraries, and design system management.
- Adobe Photoshop & Premiere Pro — professional photo editing and video production.
- DaVinci Resolve — colour grading and cinematic video post-production.

4) AI & Emerging Technologies

- AI workflow design and LLM integration for development efficiency and automation.
- AI-driven code generation and review practices for secure, optimized output.
- Awareness of emerging AI image generation and IoT automation developments.

5) Professional Skills

- Team leadership and project management across multi-member technical teams.
- Client relations, creative direction, and cross-functional collaboration.
- Technical communication — viva presentations, documentation, and stakeholder reporting.
- Problem solving, deadline management, and risk assessment.

KEY SOFTWARE PROJECTS

BlindMatch PAS — Student–Supervisor Matching System

NSBM Green University

Team Lead · 9-Member Team · Academic Research Project

- Led a 9-member team to design and develop a blind matching algorithm using ASP.NET Core 9.0 and C#.
- Architected the full database schema ensuring scalability and data integrity across all user roles.
- Managed the complete version-control workflow via GitHub, enforcing branching strategies and code reviews.

- Delivered formal technical vivas and comprehensive project documentation for academic evaluation.

MYHitch Pass — Event Discovery & Ticketing Platform

MYHitch Pass (Australia)

Full-Stack Developer & Security Auditor

- Led a redesign of the platform's booking and discovery experience, producing multiple UI prototype iterations informed by Skyscanner- and Headout-style booking flows.
- Built and ran a full security audit workflow for the platform, covering vulnerability assessment, hardening recommendations, and a client-facing audit report.
- Delivered a redesign proposal and deployed the production build on Cloudflare Workers for edge-network performance.

Lighthouse Film & Studio — Booking & Portfolio Platform

Independent Project

Full-Stack Developer & Founder

- Built a client-facing online booking system with integrated portfolio showcase and project delivery workflow.
- Integrated Supabase for real-time data management, user authentication, and file storage.
- Designed with Figma and built with React and Tailwind CSS, achieving a modern and responsive user experience.

WORK EXPERIENCE

Founder & Director — Lighthouse Films & Studio

March 2025 – Present

Creative Agency · Colombo, Sri Lanka

- Founded and manage a creative agency specializing in cinematic production and brand storytelling.
- Oversee the full project life-cycle including client acquisition, briefing, production scheduling, and final delivery.
- Directed and edited high-profile after-movies including Avegaya: Hip Hop Edition, meeting high-pressure broadcast deadlines.
- Manage client relations, project budgets, and creative team coordination across concurrent productions.

Founder — Lynex

March 2026 – Present

Web & Software Studio · Colombo, Sri Lanka

- Founded and run Lynex, building websites, custom software, and automation for clients — using AI tools, prompt and loop engineering to move faster, while managing the full client relationship end to end.

EDUCATION

BSc (Honour s) Software Engineering

Expected Graduation: 2027

Plymouth University (UK) & NSBM Green University, Sri Lanka

- Full degree awarded in partnership — combining Plymouth University's UK-accredited rigour with NSBM's regional industry context.
- Key subjects: Software Design & Architecture, Web Technologies, Databases, Algorithms, Software Project Management.

Foundation in Computing

Completed

NSBM Green University, Sri Lanka

- Completed the NSBM Foundation programme in Computing, providing a strong academic base in programming fundamentals, mathematics, and IT principles prior to the degree programme.

Ordinary Level & Secondary Education

Completed

Ananda College, Colombo 10

Professional Certificate — Photography & Videography

AOEL

Academy of Open-Learning, Sri Lanka

Languages

- English — Professional proficiency
- Sinhala — Native proficiency

ACHIEVEMENTS & LEADERSHIP

- 1st Place at Ruhuna University Photography Competition 2025, with multiple additional placements across categories.
- 1st Place at Ananda College's premier PILIBUMU 2025 Exhibition, with 4 additional category placements.
- Board Member of ACPAS 2025/2026 — contributing to institutional governance and student-body leadership.
- Project Leadership: Successfully led multiple university-level technical teams to delivered academic and industry outcomes.
- Creative Direction: Directed and edited short films and music videos including UNCOVERED and NUBA AYEE.