






Manugi Bandara

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 Personal-Portfolio

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SUMMARY

A Computer Science graduate with hands-on experience in WordPress development and web design, creating user-focused and well-documented solutions. Skilled in UI/UX design with Figma and committed to continuous learning, complemented by proven abilities in problem-solving, documentation, and client communication. A keen interest on Business Analytics and Quality Assurance contributes to delivering strategic, goal-oriented results.

WORK EXPERIENCE

Theekshana R&D

Web Developer InternJul 2023 - Sep 2024

- Served as the primary liaison between company and client organizations, including government sectors, facilitating clear communication and project requirements.
- Designed and maintained WordPress websites for client organizations, including the Ministry of Industries, and the Ministry of Technology.
- Managed event organization, delivered technical presentations at workshops, and authored comprehensive documentation and articles for Sri Lanka’s Universal Acceptance Initiative project, funded by ICANN.
- Contributed in drafting wireframes and workflows, designing high-fidelity prototypes in Figma and developing front-end with HTML, CSS, and Bootstrap for Sri Lanka Electronic Government Procurement (eGP) System, overseen by Ministry of Finance and funded by the World Bank.
- Maintained product quality by performing functional testing and authoring bug reports, ensuring system requirements were met.

EDUCATION

Informatics Institute of Technology affiliated with University of Westminster

Bachelor of Science (BSc) Honours in Computer Science with Industrial Experience - Upper Second Honours

2021 - 2025

Maliyadeva Balika Vidyalaya, Kurunegala

G. C. E. Advanced Level (Physical Stream) - 2020

2006 - 2020

PROJECTS

NutriStreetAI2025

- Developed a web application for Indian Street Food classification, integrated with disease-specific suitability suggestions by analyzing nutritional composition.
- Implemented MobileNetV2 and EfficientNetB2 based CNN models for food classification and achieved 96% and 98% accuracies respectively.
- Built the full-stack solution with a Python/Flask backend API, created wireframes using Figma and implemented the front end with HTML, CSS, and JavaScript.

ZenTech2025

- Collaborated to design an intuitive, and engaging prototype using Figma, a mobile application focused on managing screen time for users.

	DOCTAIN 2023 <ul style="list-style-type: none"> As part of a team, developed a machine learning-driven system for disease prediction based on user-input and specialists recommendation based on expertise and location. Contributed for backend development with Python/Flask and front end development with HTML, CSS and JavaScript. Collaborated to implement user-centric features including a review system and patient record tracking. 	
	GSTC 2023 <ul style="list-style-type: none"> Designed a multi-page WordPress website including a booking and scheduling system for a government tennis club, focusing on a user-friendly and visually cohesive experience. 	
TECHNICAL SKILLS	Platforms: WordPress Tools: Figma, Linux, Google Colab Languages: HTML, CSS, JavaScript, Bootstrap, Python	Frameworks: Flask Testing: Functional/UI Testing
SOFT SKILLS	Team Collaboration Analytical Skills Time Management Adaptability Problem-Solving Fluency in English and Sinhala	
CERTIFICATES	MS Office Beginner's Course Career Essentials in GitHub Professional Certificate Figma for UX Design in LinkedIn WordPress: Creating an Intranet Website in LinkedIn Succeeding in Web Development: Full Stack and Front End in LinkedIn IT and Cybersecurity Risk Management Essential Training in LinkedIn	
EXTRA CURRICULAR ACTIVITIES	InterfaceX Competition by Asta Advanced to the Second Round (Ongoing) CRE8X Competition by KDU First Round (Ongoing)	
REFERENCES	Mr. Harsha Wijayawardhana Chief Operating Officer (COO/CTO) Theekshana R & D Mobile: +94 777 872 642 Email: wijayawardhana@gmail.com Mr. Shashika Chandrasena Chief Technology Officer (CTO) Idea Engine Pvt Ltd Mobile: +94 77 992 8022 Email: iamsashika@hotmail.com	