

EDUCATION	<b>University of Sri Jayawardenepura</b> <i>Post Graduate Diploma in Industrial Analytical Chemistry</i>	Sri Lanka 2015 –2017
	<b>University of Sri Jayewardenepura</b> <i>Bachelor of Science (B.Sc.) in Chemistry and Food Science &amp; Technology</i>	Sri Lanka 2011 - 2015

WORK	<b>Domestica Hobart</b>   Hobart,Australia	2018 - 2025 (current)
	<ul style="list-style-type: none"><li>• Scaled to a leading position in Hobart’s accommodation market, driven by adaptability and entrepreneurial initiative.</li><li>• Oversaw operations for a 25+ property portfolio, driving client acquisition, guest satisfaction, marketing, financials, and growth.</li></ul>	
	<b>Industrial Technology Institute Sri Lanka</b>   Colombo,Sri Lanka	2017.03 - 2018.02
	<ul style="list-style-type: none"><li>• Conducted comprehensive food analysis for Quality Assurance &amp; Control across 50+ food products annually.</li><li>• Operated and maintained HPLC, GC, GC-MS, and ICP-MS, ensuring 98%+ data accuracy and instrument uptime.</li><li>• Managed 8-10 analytical projects concurrently, ensuring compliance with AOAC, ISO, and Codex guidelines.</li><li>• Applied QMS (ISO 9001:2015, ISO 17025:2005) and TPM protocols, reducing equipment downtime by 10%.</li></ul>	
	<b>Sri Lanka Institute of Nanotechnology (SLINTEC)</b>   Sri Lanka	2015.02 - 2017.02
	<ul style="list-style-type: none"><li>• Conducted microbiological, organoleptic, physico-chemical, proximate, and antioxidant analyses for 5 key research initiatives.</li><li>• Supervised and mentored 3 interns, improving training materials and reducing onboarding time by 15%.</li><li>• Ensured meticulous laboratory maintenance and equipment calibration for over 12 research projects, achieving zero compliance issues.</li></ul>	

PROJECTS	<b>Development of Novel HPLC Method for PAH Quantification in Smoked Fish</b> <i>Industrial Technology Institute Sri Lanka Initiative</i>	
	<ul style="list-style-type: none"><li>• Led to a 15% improvement in detection limits and a 20% reduction in analysis time, enhancing food safety monitoring.</li></ul>	
	<b>Early-Stage Development of a Novel Sustained-Release Anti-Obesity Drug</b> <i>Sri Lanka Institute of Nanotechnology (SLINTEC)</i>	
	<ul style="list-style-type: none"><li>• Performed critical literature reviews, conceptual design, and preliminary feasibility studies defining project scope.</li></ul>	
	<b>Hybrid Fertilizer Development for National Agriculture Initiative</b> <i>Sri Lanka Institute of Nanotechnology (SLINTEC)</i>	
	<ul style="list-style-type: none"><li>• Contributed to analytical characterization of 7 fertilizer prototypes and data analysis informing formulation adjustments for pilot trials.</li></ul>	

SKILLS	<ul style="list-style-type: none"><li>• Languages: English (Fluent)</li><li>• Technical Proficiency: HPLC, GC, GC-MS, ICP-MS, Method Development &amp; Validation, Sample Preparation &amp; Analysis, Proximate Composition Analysis, Physicochemical Testing, Organoleptic Evaluation, Microbiological Analysis, Antioxidant Assays.</li></ul>	
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- Quality Systems: AOAC, ISO Standards, Codex, ISO 17025:2005 (Laboratory Competence), ISO 9001:2015 (Quality Management), Total Preventive Maintenance (TPM).
- Programming & Software: Python, Machine Learning