Curriculum Vitae - Environmental Engineer, Sri Lanka Colombo

# Curriculum Vitae

## Personal Information

**Name:** [Your Name]

**Address:** Colombo, Sri Lanka

**Email:** [your.email@example.com]

**Phone:** +94 123 456 7890

## Professional Summary

An Environmental Engineer with over [X years] of experience in addressing environmental challenges in Sri Lanka Colombo. Specialized in sustainable waste management, water resource conservation, and pollution control. A dedicated professional committed to advancing eco-friendly solutions aligned with Sri Lankan environmental policies and community needs. Proven expertise in designing systems that mitigate ecological impacts while adhering to local regulations.

## Education

### Bachelor of Science in Environmental Engineering

University of Moratuwa, Sri Lanka

Graduated: [Year]

* Thesis: "Assessment of Urban Water Quality in Colombo for Sustainable Development"
* Majored in Hydrology and Environmental Impact Assessment

### Master of Science in Environmental Engineering

University of Peradeniya, Sri Lanka

Graduated: [Year]

* Focused on Renewable Energy Integration and Climate Resilience Planning
* Published research on coastal erosion mitigation in Sri Lanka

### Certifications

* Professional Engineer Certificate (PEC), Institution of Engineers, Sri Lanka (IESL)
* Certified Environmental Auditor (CEA), ISO 14001:2015
* Training on Sustainable Urban Development, Colombo Municipal Council

## Professional Experience

### Senior Environmental Engineer

Sri Lanka Water Supply and Drainage Board (SLWSD), Colombo

[Month Year] – Present

* Overseeing the design and implementation of water treatment plants in urban areas of Colombo.
* Conducted environmental impact assessments for new infrastructure projects, ensuring compliance with Sri Lankan environmental laws.
* Collaborated with local communities to improve access to clean water and sanitation, particularly in low-income neighborhoods.

### Environmental Consultant

GreenTech Solutions Pvt. Ltd., Colombo

[Month Year] – [Month Year]

* Provided technical support for waste management systems, including solid waste segregation and recycling initiatives in Colombo.
* Developed a feasibility study on biogas generation from organic waste for municipal use.
* Advised private sector clients on achieving ISO 14001 certification to align with Sri Lanka’s green business standards.

### Assistant Environmental Engineer

Sri Lanka Bureau of Standards (SLBS), Colombo

[Month Year] – [Month Year]

* Conducted water and soil quality testing for compliance with national environmental standards.
* Assisted in the formulation of Sri Lanka Colombo’s first municipal waste management policy.
* Organized workshops on pollution control for local industries in partnership with the Department of Environment, Sri Lanka.

## Technical Skills

* **Software:** AutoCAD, GIS (ArcGIS), SWMM, HEC-HMS
* **Languages:** English (fluent), Sinhala (proficient), Tamil (basic)
* **Technical Areas:** Water and wastewater treatment, air quality monitoring, environmental compliance audits

## Projects & Research

### "Sustainable Drainage Systems for Colombo" (2023)

Collaborated with the Colombo City Council to design stormwater management systems that reduce flooding and improve groundwater recharge.

### "Air Quality Monitoring in Industrial Zones" (2021)

Conducted a study on particulate matter levels in industrial areas of Sri Lanka Colombo, leading to policy recommendations for emission controls.

### "Community-Based Waste Management in Kelani Valley" (2019)

Implemented a model project with local stakeholders to reduce plastic waste and promote recycling, serving as a case study for national initiatives.

## Professional Memberships

* Institution of Engineers, Sri Lanka (IESL) – Member since [Year]
* Sri Lanka Association of Environmental Engineers (SLAEE)
* International Water Association (IWA) – Associate Member

## Languages & Other Information

**Languages:** English, Sinhala, Tamil

**Volunteer Work:** Active participant in the "Green Colombo" initiative, focusing on urban tree planting and environmental awareness campaigns.

**Publishing:** Authored a chapter on "Climate Change Adaptation Strategies for Sri Lanka Colombo" in the 2022 edition of \*Environmental Challenges in South Asia\*.

## References

Available upon request.

This Curriculum Vitae is tailored for an Environmental Engineer in Sri Lanka Colombo, emphasizing local expertise, sustainability practices, and alignment with national environmental goals.