



# MITHILA BASURA LIYANAGE

## MECHATRONICS TECHNICIAN

### CONTACT

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- Horana, Sri Lanka
- [M.B Liyanage](#)

### EDUCATION

- SRI LANKA - KOREA NATIONAL VOCATIONAL TRAINING INSTITUTR-COLOMBO [2024-2026]
  - Mechatronic Eng.Tech (NDMCT) NVQ Level-5
- SRI LANKA INSTITUTE OF ROBOTICS [ON GOING]
  - Programmable Logic Controller Course
- CAMBRIDGE ASSESSMENT ENGLISH [2024]
  - Cambridge English Level-KET and FCE
- SANMO VOCATIONAL TRAINING INSTITUTE [2019-2020]
  - Computer Hardware and Software
- G.C.E. A/L RESULTS [2022] VIDYARATHNA UNIVERSITY COLLEGE [ENGINEERING TECHNOLOGY]
  - E - TECH - S
  - S.F.T - C
  - I.C.T - C

### LANGUAGE

- ENGLISH
- SINHALA

### PROFILE

I'm Mithila Basura, a dedicated Mechatronics Technician with a strong interest in industrial automation and process optimization. Demonstrates a professional approach to problem-solving and maintaining reliable system performance. Committed to continuous professional development and contributing effectively to efficient, safe, and innovative engineering environments.

### WORK EXPERIENCE

#### SOUTH ASIA GATEWAY TERMINALS(PVT)Ltd [2025 - 2026]

- Terminal Engineer Assistant (Mechatronic Trainee) SAGT, Colombo Port
  - Assisted in PLC-based automation, maintenance, and troubleshooting
  - Worked with pneumatic, hydraulic, electrical, and mechanical systems
  - Supported HMI/SCADA monitoring and industrial operations
- Projects
  - RTG Crane Lockout Safety System
    - Designed a PLC-based lockout system for RTG crane maintenance safety
    - Disabled gantry, trolley, and hoist movements during maintenance mode
    - Improved worker safety during crane servicing

### SKILLS

#### Technical Skills

- PLC Programming [TIA Portal, SIMATIC Manager]
- HMI & SCADA
- Pneumatic Systems
- Hydraulic Systems
- Electrical Troubleshooting
- Preventive Maintenance
- Industrial Automation

#### Soft Skills

- Problem Solving
- Communication
- Team Collaboration
- Adaptability

### REFERENCE

#### Mrs. K.A.K.S.Nawodini

Instructor at Korean Tec

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#### Mr. Kulamithra Bandara

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