Nayana Pabasara

B. Eng.Tech(Hons) in Instrumentation and Automation Engineering (UG)
University of Colombo

CONTACT

Phone: +94728925711
Email: nayanapabasara1@gmail.com

Address: Mahenwatta, Pitipana – Thalagala Rd, Homagama

WORK EXPERIENCE

Training Assistant Manager
Ebony Holdings (Pvt) Ltd
2022 – 2023 (1 Year Experience)

EDUCATION

Bachelor of Engineering Technology Honours in Instrumentation and Automation 2023–2027

University of Colombo,Sri,Sri Lanka

2021 Advance Level

Mayurapada C.C. Narammala

- Engineering Technology — A
- Science for Technology — B
- Information & Communication Technology — B

2018 Ordinary Level

Sri Sumangala M.M.V Wariyapola

- Buddhism — A
- Sinhala — A
- Mathematics — A
- Science — B
- History — A
- ICT — A
- Music — A
- English — C
- Tamil — B

PROFESSIONAL QUALIFICATIONS

Diploma in ICT at – ICBT Kurunegala Campus
Diploma in English at – ICBT Kurunegala Campus
Diploma in ICT at – Yes Computer Institute

Advance Certificate Course, PLC – Sri Lanka Institute of Robotics (SLIR)

CERTIFICATES

Front–End Web Developer | 2024
University of Moratuwa
Issued May 2024
Credential ID: klmvmNVEbs

Project Communication and Stakeholder Management
University of Moratuwa
Issued Jul 2024
Credential ID: CEP9r8Cjtp

Server – Side Web Programming
University of Moratuwa
Issued Jul 2024
Credential ID: BZydlar9Hf

Fundamentals of Digital Marketing
Google
Issued Jun 2024
Credential ID: 301531856

Generative AI
Coursera
Issued Jun 2024
Credential ID: BZyhjkk8Hf

Python programming | 2024
University of Moratuwa
Issued Jun 2024
Credential ID: R3yZhacfTe

Foundations of Project Management
University of Moratuwa
Issued June 2024
Credential ID: rhsRICXBHs

Agile Project Management in ICT Projects
University of Moratuwa
Issued Jun 2024
Credential ID: CodezAGaV6JVe4

Project Scope and Schedule Management
University of Moratuwa
Issued Jun 2024
Credential ID: V2S4tZpk3v

Software Engineer Intern
HackerRank
Issued Mar 2024
Credential ID: 971CD1C2AEC

Java (Basic)
HackerRank
Issued Mar 2024
Credential ID: D2D1OD57922C

Python 101 for Data Science
Cognitive Class
Issued Mar 2024
CredentialID:
dde312d67d914fd29ca7Oa8147b58d72

Data Analysis with Python
Cognitive Class
Issued Mar 2024
CredentialID:
183ab529e45a479cbe212Obe2ff9f3c6

AI/ML Engineer – Stage 1
SLIIT
Issued Jul 2024
Credential ID: 5dxqvoubbc

AI/ML Engineer – Stage 2
SLIIT
Issued Jul 2024
Credential ID: yk75lue7cs

SQL (Basic)
HackerRank
Issued Mar 2024
Credential ID: EO27OOEC8D4

Python (Basic)
HackerRank
Issued Mar 2024
Credential ID: 31FF1CAF1O9E

SQL and Relational Database 101
Cognitive Class
Issued Mar 2024
CredentialID:
b122eOd927f444eabd2a35e7eaO5ee8e

Web Design for Beginners
University of Moratuwa
Issued Feb 2024
Credential ID: HzXYog2TKc

Python for Beginners
University of Moratuwa
Issued Feb 2024
Credential ID: NZSKOw4Ucl

EXPERTISE

Python
Web Development
Auto CAD & Solidworks
Machine Learning
Java
C#

C
SQL
Adobe Photoshop
Database Management
Kotlin
Graphical Programming (LABVIEW)

SKILLS

Project Management
Active Listening
Teamwork
Time Management
Leadership
Time Management

LANGAUGES

English
Sinhala
Tamil

PROJECTS

Smart Greenhouse Monitoring System

An IoT-based system using ESP32 to monitor and control greenhouse conditions. It collects data from sensors (soil moisture, temperature, humidity, light, pressure, water level) and displays it on an LCD and a web dashboard. Features include automatic irrigation, manual pump control, and water level alerts.
Technologies: Arduino C/C++, HTML, CSS, JavaScript, PHP, MySQL, XAMPP, WiFi.

Line Following & Obstacle Detection Robot

Hotel Booking Website

Hotel Management Application

Sign Language Recognition System

Face & Eye Recognition with people counter

GPA Calculator App

Classroom Attendance & Gradebook System

Smart 3 – Level Elevator Prototype using Siemens PLC

Automated Water Treatment and Bottle Filling System using Siemens PLC

Automated Pneumatic product Sorting System using Siemens PLC

Automated Sweep Robot Using ESP–32 Microcontroller

Hand Operated Fork lift Machine

Smart Home Control System

Food Ordering Application

E–Mart Website

EXTRA-CURRICULAR ACTIVITIES

Member of LEO Club
University of Colombo
2023

Member of Buddhist Society
University of Colombo
2023

REFERENCE

Mr.Besil Rajapathirana
Chief Officer of
Ebony Holdings (Pvt) Ltd.
Phone : 0713535482

Medhavi Siyambalapitiya
Lecturer of
ICBT Campus
Phone : 0714770834

Professor R.U.K. Piyadasa
Dean of,
Faculty of Technology
Phone : 0112 078 607

Mr.Roshan Premarathne
Lecturer of
Sri Lanka Institute of Robotics
Phone : 077 980 8441