



ISHAN NILAKSHA HATHARASINGHE

Telecommunication , Electronics & Software Engineering Undergraduate

<https://ishanhatharasinghe.netlify.app>

ABOUT ME

A committed, passionate, and talented seeker with technical expertise and the capacity to lead and collaborate with others in a team. Equipped with communication skills, leadership and team work skills.

WORK EXPERIENCE

- Sri Lanka Telecom PLC, Digital LAB, The Embryo Innovation Centre, Trace Expert City, Maradana, Colombo
Electronics Engineering Intern
Contributed to Research and Development projects, including:
 - Temperature Monitoring System for DHL
 - AI-driven Edge Sales Management System for MOBITEL
 - Fall Detection System using sensor-based System

ACADEMIC QUALIFICATIONS

- Sri Lanka Institute of Advanced Technological Education (SLIATE) - ATI Labuduwa
Higher National Diploma In Electrical and Electronics Engineering Under Specialization of Electronics and Telecommunication Engineering- 4thYear
Current GPA - 3.93
- University Of Moratuwa
Following Bachelor of Information Technology(BIT)- 2nd Year
Current GPA - 3.00
- Rahula College - Matara
Passed G.C.E. (Advanced Level) Examination with BCC passes(2021)
Index No : 6051529
Stream : Physical Science

EXTRA CURRICULARS

- SFS ACADEMY
Followed a AutoCAD (2D+3D) Certificate Course on SFS ACADEMY
- Vocational Training Center - Urubokka
Followed ICT Technician NVQ Level 4 Course
- National Youth Services Council - Matara
Followed Professional English Course(2022)

LANGUAGES

- English
- Sinhala

CONTACT ME

📞 Contact No. | WhatsApp :
0703052181

📍 Address :
533, Samagi Mawatha,
Beralapanathara

✉️ E-mail :
ishanhatharasinghe222@gmail.com

LinkedIn :
Ishan Nilaksha

TECHNICAL SKILLS

- MS Office
- AutoCAD , Solidworks
- Proteus
- VS ,VS code, Android Studio
- Languages & Frameworks
 - C++ , C#
 - Java
 - React , Expo , Vite , Node
 - Javascript , Typescript
 - Python
 - HTML, CSS , PHP
 - Flutter
- Firebase , Superbase, SQL
- Figma
- Adobe Ps, Ai, Id, XD



ISHAN NILAKSHA HATHARASINGHE

Telecommunication , Electronics & Software Engineering Undergraduate

<https://ishanhatharasinghe.netlify.app>



PROJECTS

- **Smart Automated Elephant Deterrent System (HNDE 3rd Year Project)**

Developed an IoT-based Smart Automated Elephant Deterrent System integrating laser detection, smart alerts, and energy-efficient multi deterrent controls for human-elephant conflict mitigation.

- **Vehicle Parking Management System (BIT 1st Year Project)**

A desktop application designed to automate parking operations, built with C# and SQL.

- **MOBITEL AI-driven Edge Sales Management System**

Enabling SIM dealers to get intelligent prepaid/postpaid package suggestions using React, JavaScript, and Google Apps Script.

- **Blue Haven Rentals (BIT 2nd Year Project)**

Developed Blue Haven Rentals, a platform to help users find boarding houses using React, JavaScript, and Google Apps Script.

- **Smart Taxi Meter System Web App (HNDE 3rd Year Project)**

Fuel Price Manager is an IoT-integrated web application that provides real-time fuel price updates

- **RideLink - Smart Bus Tracking IOT System (HNDE 4th Year Project)**

Built a real-time bus tracking and passenger counting system using ESP32, GPS, and IR sensors. Developed a React + Leaflet.js dashboard with live map and occupancy data using fully open-source tools.



REFERENCES

1) **MRS.A.N.Weerasinghe**
(Head of Electrical Department)
Higher National Diploma in
Engineering, Advance
Technological Institute, Galle.
Mobile: 0779329903

2) **MRS.S.A.N.Kumudu**
Lecturer (Electrical)
Higher National Diploma in
Engineering, Advanced
Technological Institute, Galle.
Mobile: 0774497439