

# ISHAN NILAKSHA HATHARASINGHE

Electronics & Software Engineering Undergraduate

[https://ishanhatharasinghe.github.io/portfolio\\_web/](https://ishanhatharasinghe.github.io/portfolio_web/)



## 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 EXPERIENCE

- Sri Lanka Telecom PLC, Digital LAB, The Embryo Innovation Centre, Trace Expert City, Maradana, Colombo  
Electronics Engineering Intern



## ACADEMIC QUALIFICATIONS

- Sri Lanka Institute of Advanced Technological Education (SLIATE) - ATI Labuduwa  
Higher National Diploma In Electrical and Electronics Engineering Under Specialization of Electronics Engineering - 3<sup>rd</sup> Year
- University Of Moratuwa  
Following Bachelor of Information Technology (BIT) - 1<sup>st</sup> Year
- Rahula College - Matara  
Passed G.C.E. (Advanced Level) Examination with BCC passes (2021)  
Index No : 6051529 Stream : Physical Science
- MR/Deniyaya Central College - Deniyaya  
Passed G.C.E. (Ordinary Level) Examination with 9A passes (2017)  
Index No : 71683879



## 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



## SOFTWARES

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



# ISHAN NILAKSHA HATHARASINGHE

Electronics & Software Engineering Undergraduate

[https://ishanhatharasinghe.github.io/portfolio\\_web/](https://ishanhatharasinghe.github.io/portfolio_web/)



## PROJECTS

- **Smart Automated Elephant Deterrent System (HNDE 3<sup>rd</sup> 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 1<sup>st</sup> 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 2<sup>nd</sup> 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 3<sup>rd</sup> Year Project)**  
Fuel Price Manager is an IoT-integrated web application that provides real-time fuel price updates
- **ChayaSmartPlus**  
A system for tea factories to manage tea leaf collection from smallholder farmers and employees using React Expo, Superbase, Firebase



## 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



## CONTACT ME

 **Contact No. | WhatsApp :**  
0703052181

 **Address :**  
533, Samagi Mawatha,  
Beralapanathara

 **E-mail :**  
ishanhatharasinghe222@gmail.com

 **LinkedIn :**  
Ishan Nilaksha



## SOFTWARES

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