



## Contact

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[linkedin.com/in/jathurshan-sownthararasa-3928571b9](https://www.linkedin.com/in/jathurshan-sownthararasa-3928571b9)

## Interests

- Networking
- Embedded System
- Cloud Computing
- Cybersecurity
- Machine Learning

## Education

2019 - PRESENT

**BSc. Eng (Computer Engineering)**

University of Jaffna

2014-2018

**G.C.E Advanced Level Examination**

**Aug 2018 3 'B' passes in Physical**

**Science stream**

T/Orr's Hill Vivekanantha College

## SKILLS

- JAVA
- CISCO PACKET TRACER
- MySQL
- TensorFlow
- Linux
- PYTHON
- HTML/CSS
- PHP

## Volunteer Experience

- Assistant Secretary 2022|23 - UOJ Computer Engineering Society
- PR Director 2021|22 - Rotaract club of Trincomalee
- welfare Committee chairman 2022|23 - Engineering Student Union
- IESL Student Member

## Language

- English ★★★★★
- Tamil ★★★★★
- Sinhala ★★★★★

# JATHURSHAN SOWNTHARARASA

UNDERGRADUATE DEPT. OF COMPUTER  
ENGINEERING UNIVERSITY OF JAFFNA

I am an undergraduate student of computer engineering with extensive educational background of software design, networking, cybersecurity and application development. Also having an excellent communication skills and interpersonal skills. A fast learner with strong time management, team work, process efficiency with strong problem solving skills with analytical mindset. Can be an asset to the employer who looking for a talented computer engineer.

## Projects

**GitHub :** [jathuRSHAN \(github.com\)](https://github.com/jathuRSHAN)

- **04/2023- PRESENT**  
**Large neural network training using distributed CPU clusters.**  
**Description:** Here we are going to Develop Feasibility of Model partitioning in large neural networks' training based on resource requirements for the given CPU cluster.
- **2022**  
**Designing The Network Topology**  
**Description:** We are design the network topology for university premises. Used **Cisco packet tracer software**
- **2023**  
**Plane Stabilization System**  
**Description:** we are design and implement a system that ensures the stability and control of a plane during flight. Tools & Technology used **ATMEGA 328P, AVR Programming, MPU-6050 gyroscope sensor.**
- **2022 - 2023**  
**CPU Scheduling in Operating Systems**  
**Description:** It's a simple web application for CPU scheduling algorithms and select the best one for that situation.
- **fashion show Management System (Individual Project)**  
**Description:** It's a simple web application for students. We can create, update, and delete patients' and doctors' lists using this application. Here I used technologies and database are **PHP and MySQL**
- **Black Friday Sales Prediction**  
**Description:** We built a Predict Black Friday sales using machine learning models on the Analytics Vidya dataset to optimize sales strategies.

## CERTIFICATIONS

<b>CCNA</b>	Ongoing
<b>ISC2</b>	
Certified in Cybersecurity (CC) Self-Paced Training course	2023
<b>edx</b>	
Building a Cybersecurity Toolkit	2021
Introduction to Linux	2023
<b>COUSERA</b>	
Introduction to Cloud Computing	2023
AWS Fundamentals	2023
Linux Fundamentals	2023
Introduction to Microsoft Azure Cloud Services	2023

## Reference

### Dr. Anantharajah Kaneswaran

Senior Lecturer Department of  
Computer Engineering University  
of Jaffna Ariviyal Nagar Kilinochchi

**Email :** [kamesh@eng.jfn.ac.lk](mailto:kamesh@eng.jfn.ac.lk)

### Dr. (Mrs.) Jananie Jarachanthan

Senior Lecturer Department of  
Computer Engineering University  
of Jaffna Ariviyal Nagar Kilinochchi

**Email :** [jananie@eng.jfn.ac.lk](mailto:jananie@eng.jfn.ac.lk)