


# NISHAN CHATHURANGA

## SENIOR FULL STACK DEVELOPER | ASSOCIATE TECHNICAL LEAD

 nishanc.com  /in/nishanchathuranga  /users/5260872  /nishanc  nishanc.medium.com  
 nishan.chathuranga@outlook.com  +94 713 871 805  Colombo, Sri Lanka

### PROFESSIONAL OVERVIEW

A dedicated professional with experience in software engineering, web development, research, and leadership. Proficient in fostering cohesive team dynamics while focusing on continuous self-improvement. Have a track record of incorporating user & business requirements into effective, secure, user-friendly solutions.

### EDUCATION

**BACHELOR OF SCIENCE HONOURS IN INFORMATION TECHNOLOGY**  
UNIVERSITY OF MORATUWA, SRI LANKA  
2016 JANUARY – 2020 MARCH

DEAN'S LIST

**INTERNATIONAL DIPLOMA IN INFORMATION TECHNOLOGY BY PEARSON**  
ESOFT METRO CAMPUS, SRI LANKA  
2013 SEPTEMBER – 2014 JANUARY

BATCH TOP

BEST PROJECT

**GENERAL CERTIFICATE OF EDUCATION (ADVANCED LEVEL)**  
D.S. SENANAYAKE COLLEGE,  
COLOMBO 07, SRI LANKA  
2004 APRIL – 2014 AUGUST

### OTHER SKILLS

ASP.NET CORE / MVC / WEB API  
POSTGRESQL • MYSQL • PYTHON • C#

SOFTWARE ARCHITECTURE  
GAME DEVELOPMENT  
GENERATIVE AI

### EXPERIENCE

**KEYENERGY LLC, COLOMBO, SRI LANKA**

(CLIENTS: BOURQUE LOGISTICS, USA, WRAPME PVT. LTD, SRI LANKA)

**ASSOCIATE TECHNICAL LEAD** | 2023 OCTOBER – PRESENT

Developing and overseeing the development of e-commerce and logistics platforms for Sri Lankan and US clients.

.NET 8

ANGULAR

AZURE

AZURE DEVOPS

SQL SERVER

AGILE

**99X PVT. LTD, COLOMBO, SRI LANKA**

(CLIENT: ADRA TRINTECH, SCANDINAVIA / USA)

**SENIOR SOFTWARE ENGINEER** | 2022 FEBRUARY – 2023 SEPTEMBER

With increased responsibilities I managed UI Test Automation, managed the team as the Scrum Master, oversee and maintained the product quality as the Quality Architect.

**SOFTWARE ENGINEER** | 2020 APRIL - 2022 FEBRUARY

Developed a task management solution to US/Scandinavian region based Independent Software Vendors while maintaining the application by introducing new features and fixing defects.

**INTERN SOFTWARE ENGINEER** | 2018 SEPTEMBER - 2019 FEBRUARY

Worked on project management and logistics domain while I learned about software development life cycle and requirement management.

AURELIA

ASP.NET CORE

.NET 7

SELENIUM

AZURE

AZURE DEVOPS

SQL SERVER

DOCKER

KUBERNATES

AGILE / SCRUM

UNIT TESTING

## RESEARCH

ICTER 2020 - INTERNATIONAL  
CONFERENCE ON ADVANCES IN ICT  
FOR EMERGING REGIONS, UNIVERSITY  
OF COLOMBO

**A Framework to Detect Twitter Platform  
Manipulation and Computational Propaganda:**  
Methodology to detect platform manipulation  
using machine learning and NLP techniques by  
predicting the credibility of the user and of the  
content.

[ieeexplore.ieee.org/document/9325499](https://ieeexplore.ieee.org/document/9325499)

ICITR 2019 - 4TH INTERNATIONAL  
CONFERENCE ON INFORMATION  
TECHNOLOGY RESEARCH, UNIVERSITY  
OF MORATUWA

**Detecting Automatically Generated Tweets Using  
Lexical Analysis and Profile Credibility:**  
Methodology to detect bots involved in  
spreading false information.

[ieeexplore.ieee.org/document/9407800](https://ieeexplore.ieee.org/document/9407800)

SLAAI 2018 – INTERNATIONAL  
CONFERENCE OF THE SRI LANKA  
ASSOCIATION FOR ARTIFICIAL  
INTELLIGENCE

**Invoke Artificial Intelligence and Machine  
Learning for Strategic-Level Games and  
Interactive Simulations:** Proposes a Behavioral  
Driven Procedural Content Generation  
methodology to be used in interactive strategy-  
based simulations for effective decision making.

[doi.org/10.1007/978-981-13-9129-3\\_10](https://doi.org/10.1007/978-981-13-9129-3_10)

## OTHER EXPERIENCES

GUEST SPEAKER FOR ONLINE LECTURES  
UNIVERSITY OF MORATUWA | 99X PVT.  
LTD. (SINCE JULY 2018)

I like to write and talk about the things which I don't see  
a good explanation for, so that I can provide a good  
explanation for it.

[MACHINE LEARNING PLAYLIST](#)

[TECH SESSIONS PLAYLIST](#)


[SPEAKER DECK PROFILE](#)

STUDENT MENTOR FOR STEMUP  
EDUCATIONAL FOUNDATION

Inspire and engage students to make them interested in  
pursuing STEM careers and to become innovators,  
problem solvers rather than just becoming consumers.  
Our organization carries out several initiatives to reach  
that goal.

[VOLUNTEER PROFILE](#)

## PROJECTS

**WRAPME By XEYNERGY** | 2023 OCTOBER – PRESENT 

An e-commerce solution to make gift-giving a delightful and hassle-free  
experience aimed at providing a diverse range of high-quality gift  
packages and customized gift boxes.

I was responsible for making design / architectural decisions for the application and  
developing new features based on the requirements given by the Product Owner.

**TASK MANAGER By ADRA TRINTECH** | 2020 APRIL – 2023 SEPTEMBER 

The Task Manager automatically monitors and documents the progress of  
each item to be completed during the month-end close. Save time by  
standardizing tasks, improving the flow of information, and adopting best  
practices across all team members.

I was responsible for introducing new features and fixing critical defects, evaluating  
team performance, and rectifying issues as the scrum master, ensuring product  
quality as the product quality architect, overseeing the UI test automation  
framework to reduce time to run the full regression.

**FAKE NEWS AND SOCIAL MEDIA PLATFORM MANIPULATION DETECTION.** |

2019 JANUARY – 2020 JANUARY

(UNDERGRADUATE RESEARCH PROJECT)

To identify and detect fake news by identifying credibility of the origin based  
on linguistics and flag non-credible information, to determine the impact  
they made on social media. (See *RESEARCH* section)

**CONSTRUCTION SERVICES CENTRALIZATION SYSTEM** | 2017 JANUARY – 2017  
DECEMBER

(UNDERGRADUATE SOFTWARE PROJECT)

A web-based system with mobile applications to connect customers, all  
scale construction firms and freelance contractors in the construction field  
in one platform.

I was responsible for the integration and administration dashboard, where reports  
generation and data are managed. As the team leader played a key role by  
aligning the team to a common goal ensuring the project success.

Visit [nishanc.com/portfolio](https://nishanc.com/portfolio) for more information.

## ACHIEVEMENTS

**4IR HACKATHON (2018): Finalists** by Sri Lanka Association for Software Services  
Companies (SLASSCOM) & Virtusa

**MORA VENTURES 3.0 (2018): 1st Runner Up** by Entrepreneurship Society of University  
of Moratuwa, Sri Lanka

**IESL YMS Hackathon (2017): Champions Team** by Institution of Engineers Sri Lanka  
(Young Members Section)

**BATCH TOP & BEST PROJECT** (2014) at ESOF METRO CAMPUS

## REFEREES

■ Dr. (Ms.) Upeksha Ganegoda, **Senior Lecturer** | **University of Moratuwa** |  
(+94) 719 968 294 | [upeksha.ganegoda@gmail.com](mailto:upeksha.ganegoda@gmail.com)

■ Mr. Manoj Fernando, **Co-Founder, Enlear** | (+94) 776 967 402 | [manoj@enlear.com](mailto:manoj@enlear.com)