

NISHAN CHATHURANGA

SENIOR FULL STACK DEVELOPER

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PROFESSIONAL OVERVIEW

A dedicated professional with experience in software engineering, web development, research, and leadership. While having a strong proficiency in software design, agile methodologies and a track record of incorporating user & business requirements into effective, secure, user-friendly solutions, I am committed to continuous self-improvement and fostering collaborative team environments.

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
POSTGRES SQL • MYSQL • PYTHON • C#

SOFTWARE ARCHITECTURE
GAME DEVELOPMENT

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 7

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, oversead 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

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

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

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