NISHAN WICKRAMARATHNA

SENIOR SOFTWARE ENGINEER
99X (PVT.) LTD.

Pattiyagama, Pugoda
10660, Sri Lanka.

inbox.nishan@gmail.com

nishanc.com

nishanc.medium.com
blog.nishanc.com

PROFILE

A dedicated professional with 3+ years experience in the Information Technology field. Skilled at building strong team environments while fostering open communications. Software developer with self-learning abilities, track record of incorporating user and business requirements into effective, secure and user-friendly solutions.

3.5K+ stackoverflow.com/users/5260872/nishan

github.com/nishanc

linkedin.com/in/nishanchathuranga

marketplace.visualstudio.com/publishers/nishanc

EXPERIENCE

2020 - 2022

SOFTWARE ENGINEER
99X (PVT.) LTD.
Developed enterprise solutions with TypeScript, .NET 7, Microsoft Azure, Azure DevOps and UI test automation (Selenium).

As an SSE worked as the *Scrum Master* while handling product quality as the *Product Health Architect* and making decitions on application architecture.

SENIOR SOFTWARE ENGINEER
99X (PVT.) LTD.

2022 - PRESENT

2018

SOFTWARE ENGINEERING INTERN
99X (PVT.) LTD.

Developed enterprise solutions with Angular, .NET Core, Amazon Web Services (AWS) and Azure DevOps.

This is you!

2014

LECTURER/TUTOR
ESOFT METRO CAMPUS

Conducted diploma level and certificate level IT classes, provided service as a lab assistant. Developed an assignment administration system to manage student assignments.

EDUCATION

B.SC. (HON'S) IN INFORMATION TECHNOLOGY
UNIVERSITY OF MORATUWA
JAN 2016 - MARCH 2020
OVERALL GPA - **3.5** SECOND CLASS UPPER DIVISION

INTERNATIONAL DIPLOMA IN INFORMATION TECHNOLOGY (PEARSON ASSURED)
ESOFT METRO CAMPUS
SEPT 2013 - JAN 2014
Awarded as BATCH TOP & BEST PROJECT

ADVANCED LEVEL | ORDINARY LEVEL
D.S.SENANAYAKE COLLEGE, COLOMBO 07
APRIL 2004 - AUG 2012
G.C.E Advanced Level – Biological Science Stream (2014)

AWARDS & ACHIEVEMENTS

- **4iR HACKATHON 2018** : Finalists by SLASSCOM & Virtusa

- **MORA VENTURES 3.0 (2018)** : 1st Runner Up by Entrepreneurship Society of UoM

- **IESL YMS HACKATHON 2017**: Champions Team

RESEARCH PUBLICATIONS

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

IEEE Xplore 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

IEEE Xplore 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

Springer doi.org/10.1007/978-981-13-9129-3_10

IN PAST WORK EXPERIENCES.

Mainly worked on financial and logistics domains with Agile/Scrum project management framework to deliver user friendly experience to Scandinavian/US based customers. I was responsible for technology stack migration, query optimizations, introducing new features, unit testing and test automation.

Built on : .NET 7/.NET Core, Typescript, Azure, SQL Server, Angular, Docker, Azure CI/CD, Selenium, Kubernetes

FAKE NEWS AND SOCIAL MEDIA PLATFORM MANIPULATION DETECTION. (TEAM LEAD)

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 for various social and political aspects and provide a forecast on how it manipulates social media platforms. **Worked on bot detection, fake news detection and data engineering.**

Built on : Flask REST Framework, NLP, ML , Angular, MongoDB
Duration : One year.

CONSTRUCTION SERVICES CENTRALIZATION SYSTEM. (TEAM LEAD)

A web-based system with mobile applications to connect customer, all scale construction firms and freelance contractors in the construction field in one platform. **Worked on integration and administration dashboard.**

Built on : ASP.NET MVC, ASP.NET REST API, SQL SERVER, Azure
Duration : Eight months.

https://bit.ly/constructionlk

AUTOMATED PAPER RECYCLER (MICROCONTROLLER BASED). (TEAM LEAD)

When waste paper is added as initial input this standalone system will be able to convert them into recycled paper. **Worked as the system designer and the main engineer**

Built on : Microcontrollers (Atmega32A) | Duration : One year

https ://bit.ly/paperrecycler

» Visit nishanc.com for complete portfolio.

VOLUNTEER & OTHER EXPERIENCES 🤲

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

▶ /MACHENE LEARNING PLAYLIST
▶ /TECH SESSIONS PLAYLIST
SJ /SPEAKER DECK PROFILE

I like to write and talk about things which I don't see a good explanation. So I try to dig into it, understand the inside out of the process and tell it to the community.

PEER MENTOR FOR STEMPUP EDUCATIONAL FOUNDATION | MICRO:BIT SRI LANKA USER GROUP
(SINCE JULY 2017)

Inspire and engages 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.

GUEST SPEAKER FOR SRI LANKA UNITY DEVELOPERS MEETUP
(JULY 2017)

SKILL BASED VOLUNTEER INTECS UOM.
(JULY 2019)
AIESEC COLOMBO SOUTH
INFORMATION MANAGEMENT & COMMUNICATION.
(JULY 2016 - JULY 2017)

AZURE / AZURE DEVOPS
ANGULAR | .NET | ASP MVC
FLASK | ENTITY FRAMEWORK
DOCKER / KUBERNATES | TYPESCRIPT
MACHINE LEARNING | NLP
TEST AUTOMATION
AGILE / SCRUM

C++ | JAVASCRIPT | PYTHON | C# | NOSQL/SQL | JAVA

INTERESTS ✦

○ **GRAPHIC DESIGN**

Bē behance.net/nishanc

○ **OBSERVATIONAL ASTRONOMY**
ASTRONOMY CLUB
UNIVERSITY OF MORATUWA &
D.S.SENANAYAKE COLLEGE

○ **MUSIC (VIOLINIST)**
ORCHESTRA | UNIVERSITY OF MORATUWA &
D.S.SENANAYAKE COLLEGE

REFERENCES ✓

● Dr. G. Upeksha Ganegoda,
Senior Lecturer,
Dept. of Interdisciplinary Studies,
Faculty of Information Technology,
University of Moratuwa,
Sri Lanka.

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Email : upekshag@uom.lk

● Mr. Manoj Fernando, in
Co-Founder | Enlear
Former Technical Lead | 99X (Pvt.) Ltd,
Sri Lanka.

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VOLUNTEER STEMM GENERAL