NISHAN CHATHURANGA

SOFTWARE ENGINEER

FACULTY OF INFORMATION TECHNOLOGY |
UNIVERSITY OF MORATUWA |

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asyncwave.github.io

BIOGRAPHY

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

EXPERIENCE

SOFTWARE ENGINEERING INTERN
99X TECHNOLOGY(PVT) LTD. (2018 Sept - 2019 Feb)

PACK & SEND Live – A parcel courier and freight delivery reseller application consolidates the services of the world's top carriers into a single shopping cart shipping solution. Contributed in optimizing the process of creating multiple sales channels for a consignment (Angular, .NET Core, SQL Server, Azure DevOps). Reduced creation time (-70%) by changing logic flow.

Internal Projects – Contributed to "Project Dashboard", A dashboard application to monitor status of ongoing projects in the company (AngularJs, .NET Framework, SQL Server), Built an "Syncing Application "to Sync Microimage HCM Cloud and Internal Employee Database (ASP MVC, SQL Server) and built a "Customer Satisfaction Survey" application to track customer feedback (AngularJS, .NET Core, SQL Server, AWS(S3, DynamoDB, EC2)).

WEB & GAME DEVELPER
SELF EMPLOYED (2017 - 2019)

Have been working with university friends to introduce new technologies to enhance life style and bring next generation closer to Information Technology. https://asyncwave.github.io

TUTOR
ESOFT METRO CAMPUS (2014 Dec - 2015 Dec)

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

EDUCATION

BSC (HON'S) IN INFORMATION TECHNOLOGY
UNIVERSITY OF MORATUWA
JAN 2016 - MARCH 2020

CGPA - 3.36 (End of 6 semesters)

DIPLOMA IN INFORMATION TECHNOLOGY
ESOFT METRO CAMPUS, GAMPAHA
SEPT 2013 - JAN 2014

Awarded as Batch Top & Best Project (Library Management)

ADVANCED LEVEL | ORDINARY LEVEL
D.S.SENANAYAKE COLLEGE, COLOMBO 07
APRIL 2004 - AUG 2012

G.C.E Advanced Level – Biological Science Stream (2014)
Results: Chemistry – B , Biology – B , Physics – B

INTERESTS

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

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

AWARDS & ACHIEVEMENTS

PUBLICATION 4TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY RESEARCH (ICITR 2019)
Detecting Automatically Generated Tweets Using Lexical Analysis and Profile Credibility (IEEE Publication)

PUBLICATION INTERNATIONAL CONFERENCE OF THE SRI LANKA ASSOCIATION FOR ARTIFICIAL INTELLIGENCE 2018 (SLAAI - ICAI 2018)
Invoke Artificial Intelligence and Machine Learning for Strategic-Level Games and Interactive Simulations (Springer Publication)
https://doi.org/10.1007/978-981-13-9129-3_10

4iR HACKATHON 2018 Organized by SLASSCOM & Virtusa : Finalists

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

IESL YMS HACKATHON 2017: Champions Team

INTERNATIONAL DIPLOMA IN INFORMATION TECHNOLOGY 2013: Batch Top, Best Project

PROJECTS

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.

Built on   : Django REST Framework, NLP, ML , Angular,
             MongoDB, Docker
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.

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

http://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.

Built on   : Microcontrollers (Atmega32A)
Duration : One year

http://bit.ly/paperrecycler

» Visit **https://nishanchathuranga.live** for complete portfolio.

VOLUNTEER & OTHER EXPERICENCES

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)

SCHOOL PREFECT

AIESEC COLOMBO SOUTH | INFORMATION MANAGEMENT & COMMUNICATION.
(JULY 2016 - JULY 2017)
Committee Member | Creative Designer

SKILL BASED VOLUNTEER FOR MORASQUAD SOLUTIONS & INTECS UOM.
(SINCE JANUARY 2017)

VOLUNTEER
STEMup
GENERAL

C++
JAVASCRIPT
PYTHON
C#
JAVA
NOSQL/SQL

Version Controlling

NLP

Linux   Windows Server

Data Mining

ML   Agile / Scrum

TDD

Unity

ASP MVC   AWS

Django

.NET Core
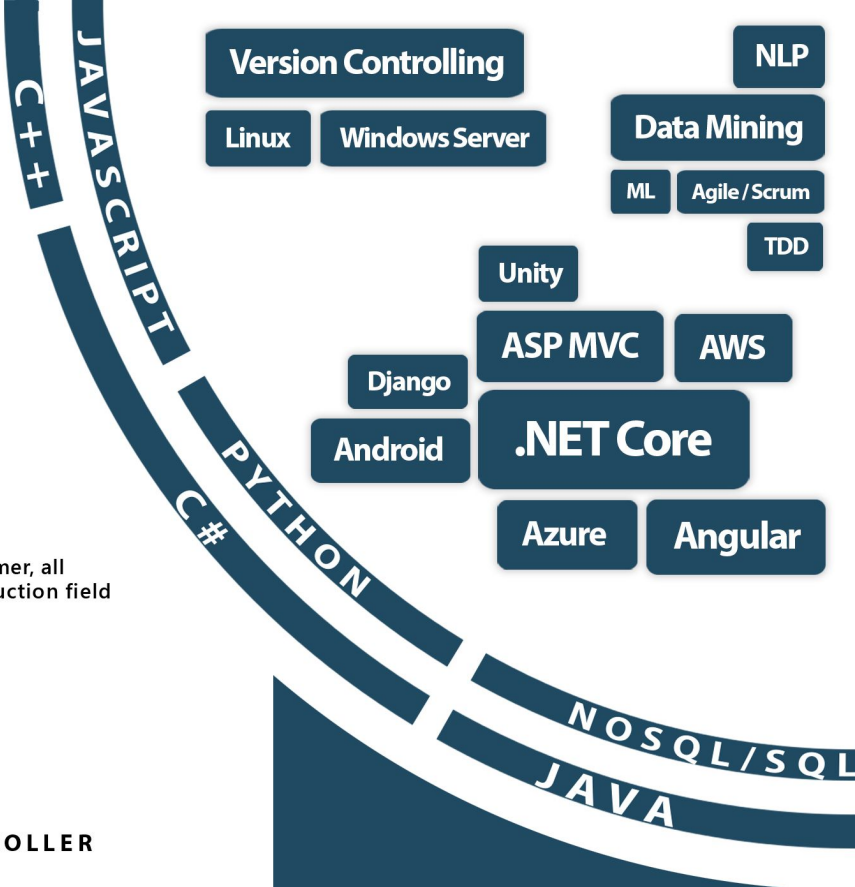
Android

Azure   Angular

REFERENCES

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University of Moratuwa,
Sri Lanka.

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