

# KUSAL HETTIARACHCHI

Software Engineer

 [kusalhettiarachchi.github.io](https://kusalhettiarachchi.github.io)



## EXPERIENCE

Software Engineer & Full-Stack Developer

DFN Technology (PVT) Ltd.

 Jan 2019 – Ongoing  Colombo, Sri Lanka

- Anti Money Laundering unit is the key project in DFNBI tool-kit (DirectFN Business Intelligence) which provides an analytical platform for the clients in FinTech industry to gain insight.
- Develops full stack solutions to cater the customer requirements and improves the product quality by constant researching.
- Works closely with other engineers as well as clients to deliver the optimal and viable solution for their business needs.

Software Engineering Intern

DFN Technology (PVT) Ltd.

 Jun 2017 – Dec 2017  Colombo, Sri Lanka

- Completed a research and development project for replacing the existing search backend with Apache Solr.
- Developed a tool which aided business analysts to translate and visualize the encoded market data feeds.
- Developed a deployment module for a set of backend services.
- Researched on the optimal use of Apache Cassandra for efficient storage of time series data.

## EDUCATION

B.Sc. Eng. (Hons) in Computer Science and Engineering

University of Moratuwa

 Nov 2014 – Dec 2018  Colombo, Sri Lanka

- Second Class Upper Division with GPA - 3.68
- University Colours-man for Athletics.

G.C.E. (Advanced Level) – Physical Science Stream

Royal College, Colombo 07

 Jan 2004 – Aug 2013  Colombo, Sri Lanka

- Z-score of 2.79 & Island Rank 9.
- Member of the all-island champion Chemistry Quiz Team.

## PUBLICATIONS

Conference Paper

International Conference on Data Management, Analytics and Innovation



 Jan 2019  Petaling Jaya, Malaysia

- A Generalized Ensemble Machine Learning Approach for Landslide Susceptibility Modeling (Resource: [https://doi.org/10.1007/978-981-13-9364-8\\_6](https://doi.org/10.1007/978-981-13-9364-8_6))

## PERSONAL PROFILE

*A highly motivated allrounder with the potential to push boundaries. Methodical. Quick learner. Loves problem-solving. A team player with keen leadership and communication skills.*

## CORE VALUES

-  **All-Rounder**  
To be able to competently handle any situation life presents me with
-  **Teamwork**  
To continue my journey as an excellent team player with a decorated past in teamwork

## SKILL SET

- Analytical Thinking
- Teamwork
- Researching
- Energetic
- Brainstorming

## INTERESTS

- Distributed Systems
- Web Development
- Enterprise Search
- Information Retrieval
- Machine Learning
- Data Mining

## TOOL SET

- Java
- Python
- Javascript
- Bash
- Spring
- Akka
- Solr
- Angular
- Flask
- Laravel
- Scikit
- PyTorch

## LANGUAGES

English 

Sinhala

## PERSONAL INTERESTS

- Reading
- Fitness
- Movies
- Philosophy
- Pool