

# KUSAL HETTIARACHCHI

## Software Engineer - Data Science Enthusiast

 [linkedin.com/in/kusalhettiarachchi](https://www.linkedin.com/in/kusalhettiarachchi)  
 94-717-525598

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

 [kusalhettiarachchi@hotmail.com](mailto:kusalhettiarachchi@hotmail.com)



## EXPERIENCE

### Research and Development Engineer

#### Minds and Codes (PVT) Ltd.

 Oct 2020 – Ongoing  Colombo, Sri Lanka

- Working on building a prototype for a reputation management system.
- Concepts and practises involved: dynamic web scraping, sentiment analysis, keyword extraction, named entity recognition, and micro-services.

### Software Engineer

#### DFN Technology (PVT) Ltd.

 Jan 2019 – Sep 2020  Colombo, Sri Lanka

- Lead developer in MTR and B2B projects. Mubasher Trade Router (MTR) and Bank To Bank (B2B) are two distributed and concurrent middleware products for integrating DFN client products with third party OMS and DFN OMS with client back-ends respectively.
- Concepts and technologies involved: Distributed systems, Enterprise service bus, Enterprise java beans
- Full-stack developer in Anti Money Laundering project.
- Technologies worked with: Akka, NodeJs, AngularJs, MongoDB, OracleDb

## RESEARCH

### Undergraduate Research

#### University of Moratuwa

 Nov 2014 – Dec 2018  Moratuwa, Sri Lanka

- Application of ensemble machine learning algorithms to determine the landslide susceptibility. Integrating rainfall and landslide data from heterogeneous sources to build a data-set that would help to predict landslides in advance.

## 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

### 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.

## 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 all-rounder with the potential to push boundaries. Methodical. Quick learner. Loves problem-solving. A team player with keen leadership and communication skills.*

## INTERESTS

Data Science Machine Learning  
Enterprise Search Deep Learning  
Distributed Systems NLP  
Information Retrieval

## TOOL SET

Java Python Javascript Golang  
Bash R Akka Solr Angular  
Flask Spring Scikit Pandas  
VisualVM JProfiler JMeter  
Docker Kubernetes Linux GCP

## SKILL SET

Honest Accountable  
Problem Solving Team Player  
Learning Analytical Thinking  
Energetic Brainstorming

## PERSONAL INTERESTS

Reading Fitness Movies  
Philosophy Pool

## REFEREES

Referees can be provided upon request