

KUSAL HETTIARACHCHI

Software Engineer

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EXPERIENCE

Software Engineer & Full-Stack Developer

DFN Technology (PVT) Ltd.

Jan 2019 – Ongoing Colombo, Sri Lanka

- Mubasher Trade Router (MTR) and Bank To Bank (B2B) are two middleware products for integrating DFN client products with third party OMS and DFN OMS with client back-ends respectively.
- 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 on fraudulent activities.
- Develops full stack solutions to cater the customer requirements and improves the product quality by researching constantly.
- 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

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)

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.

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 Golang
Bash Spring Akka Solr Angular
Flask Laravel Scikit PyTorch
Kubernetes GCP AWS Azure

LANGUAGES

English
Sinhala



PERSONAL INTERESTS

Reading Fitness Movies
Philosophy Pool