

# Suhas Kabinna

APPLICATION DEVELOPMENT · MACHINE LEARNING · DATA MINING AND ANALYSIS

3412-88 Bloor Street East, Toronto, Ontario, Canada

☎ 343-333-5491 | ✉ suhas.serves@gmail.com | 🏠 www.suhask.com | 📞 suhas-kabinna-35899917

*Published researcher with experience in software and web development, data analysis and predictive modeling. Supportive and enthusiastic team player, dedicated to delivering high quality software.*

## Education

### Queen's University - 3.8/4

Kingston, Canada

MASTER OF SCIENCE CANDIDATE AT QUEEN'S UNIVERSITY CPGA

Sept. 2014 - July. 2016

- Received graduate scholarship award 2014-2015
- Received Travel scholarship award 2016

### MSRIT (M S Ramaiah Institute of Technology) CGPA - 8.7 / 10

Bangalore, India

B.E. IN INFORMATION SCIENCE AND ENGINEERING

Sept. 2009 - Jul. 2013

## Skills

**Programming** Python, C/C++, R, SQL, C#, WPF, MVC, .NET, Java, Hadoop

**Web** AngularJS 1.X, CSS, HTML5, Js, Nodejs

**Protocols** Familiarity with L3, L4 layer protocols

## Experience

### Energy Profile Limited

Toronto, Canada

JUNIOR DATA ANALYST

July. 2016 - Feb. 2017

- Added new features to legacy C# and .NET applications which had minimal documentation and no testing frameworks setup.
- Reduced the response time of internal modeling tools and introduced unit testing project for applications I developed and added extensive documentation.
- Researched about transition to AngularJS 1.6 for legacy applications to improve code quality and ease of maintenance.

### Software Analysis and Intelligence Lab, Queen's University

Kingston, Canada

RESEARCH IN LOG MANAGEMENT

Sept. 2014 - Mar. 2016

- Found that developer metrics are the key factors in identifying the stability of logging statements by constructing random forest and cox models on several large open source projects.
- Conducted performance tests on Cassandra, Hbase, Liferay and Camel and found that updating logging libraries does not improve logging performance as previously believed.

### Volvo IT

Bangalore, India

APPLICATION DEVELOPER

Jul. 2013 - Jul. 2014

- Worked on a internal pricing system (IPS2) for over 2.5 million parts belonging to UD, Mach and Volvo trucks using .NET, C#, WPF and SQL server for back-end with Hibernate mapping on Hadoop clusters.
- Implemented two web modules pertaining to currency exchange and user access control in the IPS2 project.

### IBM Internship

Bangalore, India

WEB DEVELOPER

Aug. 2012 - Apr. 2013

- Started website for farmers to track their produce, get weather, price updates and closest warehouse locations for storing produce.
- Implemented a single layer neural network in Weka to help farmers decide the right time to sell their crops.

## Publications

### Understanding Logging library migrations in Apache Software Foundation Projects

MINING SOFTWARE REPOSITORIES (ACCEPTANCE RATE 27%)

Apr. 2016

Techniques used: ETL, performance modeling, statistical analysis and analysis visualization.

### Examining the Stability of Logging Statements

SOFTWARE ANALYSIS, EVOLUTION AND RE-ENGINEERING (SANER) IEEE PUBLICATION (ACCEPTANCE RATE 37%)

Mar. 2016

Techniques used: ETL, statistical analysis, random forest models, Cox survival models and analysis visualization