

# Suhas Hoskote Muralidhar

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## EDUCATION

### UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

MASTER'S IN COMPUTER SCIENCE  
Aug 2014 - Dec 2015 | GPA: 3.89/4

### R.V. COLLEGE OF ENGINEERING BACHELOR'S IN COMPUTER SCIENCE

Sep 2008 - Jun 2012 | Bangalore, IN  
GPA: 9.38/10

## SKILLS

### PROGRAMMING

Java • Python • Scala

### BIG DATA

Hadoop • Apache Storm • Kafka • S3,  
Apache Spark (Spark SQL/ML/ Streaming),  
Azure Event hubs

### DATA STORES

SQL - PostgreSQL • Elasticsearch  
NoSQL  
Cassandra • MongoDB

### MISCELLANEOUS

Git • Docker • Kubernetes • AWS

### WEB

HTML5 • CSS3 (Bootstrap)  
JavaScript  
jQuery • AngularJS • NodeJS • D3.js

## COURSEWORK

Algorithms and Data structures  
Artificial Intelligence  
Data Mining  
Text Information Systems  
Distributed Systems  
User Interface Design  
Software Engineering  
Object Oriented Programming  
Database Management Systems

## LINKS

Github:// [suhashm](#)  
LinkedIn:// [Suhas](#)  
Website:// [suhashm.github.io](#)

## WORK EXPERIENCE

### SALESFORCE.COM | SMTS- DATA ENGINEER

San Francisco, CA | Feb 2016 - Present

- Part of the **IoT - Batch** team, working on building scalable and distributed data pipelines for **ETL transformations** using open source technologies like **Apache Spark (SQL)** for processing and **Cassandra** as the data-store.
- Developed the **Ingestion** pipeline for high throughput events using **Kafka** and **Azure Event Hubs**
- Developed **Output Connectors** running in **Kubernetes** for the processed data to be utilized from Salesforce IoT to the outside world.

### INSIGHT DATA ENGINEERING FELLOW

New York | Sep 2015 - Oct 2015

- Built a scalable data pipeline to recommend parking spots in real time based on the parking sensor data of San Francisco city - <http://parkmate.xyz/>
- Technologies used: **Ingestion:** Kafka, **Storage:** Hadoop(hdfs) **Batch Processing:** Apache Spark, **Stream Processing:** Spark Streaming, **Geo-spatial query:** Elasticsearch, **Database:** Cassandra, **Web server:** Python - Flask

### SALESFORCE.COM | SOFTWARE ENGINEER INTERN

San Francisco, CA | May 2015 - Aug 2015

- Built a data management tool on the **Salesforce Service cloud** platform using Force.com **REST and SOAP API** Web services

### GRADUATE RESEARCH ASSISTANT | FULL STACK WEB DEVELOPER

University of Illinois, Urbana-Champaign | Aug 2014 - Dec 2015

- Developed an online platform for educational institutions to review, submit and share assignments with other universities worldwide improving the overall learning experience

### INTEL CORPORATION | SOFTWARE ENGINEER

Web Developer | Jul 2012 - Jun 2014

- Built a **Responsive, large scale web application** which enhanced productivity and user experience for various scheduling applications across Intel

## PROJECTS

- Implemented **Collaborative Filtering using Apache Spark MLlib's Alternating Least Square method** to recommend movies to the user
- **Real-Time** Twitter streaming analysis of Top N Hashtags using **Apache Storm**
- **Meta-crawler: Review Analyzer** - Developed a web application to aggregate, index, summarize and visualize the **sentiment** of user reviews of smart phones
- **Handwritten Digit Classification** with Perceptron and Naive Bayes Classifier
- Built a **real-time emoticon recommendation engine** using Socket.io

## ACHIEVEMENTS

- Berkeley **Big Data XSeries - Apache Spark** certification
- Technical Reviewer-"**Web Development with NodeJS and MongoDB**" by Packt Publisher
- Presented a paper titled "**Secret Behind Search Engines: Web Crawler**" at the proceedings of National Conference, Computer Society of India
- Member of **Tau Beta Pi** Engineering Honor Society