

Contact

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(LinkedIn)
www.mschamarthy.com (Personal)
bit.ly/cms-resume (Other)

Top Skills

Data Governance
Data Engineering
Application Programming Interfaces
(API)

Languages

Hindi (Native or Bilingual)
English (Professional Working)
Telugu (Native or Bilingual)

Certifications

Computer Networks
Prompt Engineering: How to Talk to
the AIs

Honors-Awards

Night on the Town

Mohan Shashanka Chamarthy

Data Engineer at Meta (Facebook)
Santa Clara, California, United States

Summary

=== THANK YOU FOR VIEWING MY PROFILE. LETS
CONNECT. ===

I am a recent Masters' in Computer Science (Data Analytics
Specialization) Graduate from Illinois Institute of Technology. I am
currently looking for a Full-Time Opportunity as a Data Engineer/
Data Analytics Engineer / Machine Learning Software Engineer. I
love to work on a challenging project with a fun-loving team.

I love problem-solving. I like to solve any problems that challenge
the society, a company or me. I worked on various applications
ranging from Embedded Systems, Robotics, Artificial Intelligence,
Natural Language Processing to Data analytics. I am a quick and
agile learner who like to apply the knowledge acquired on a variety of
problems across disciplines.

My general interests are in the areas of Software Development,
Machine Learning, Natural Language processing and Data Analytics.

I have worked with Java (core, Jersey, JavaFX), Python (numpy, sci-
kit learn), Hadoop (HDFS, Hive, Oozie, MapReduce), Spark (MLlib,
SQL), SQL, NoSQL (MongoDB, JSON, XML), JavaScript, HTML5,
CSS, Cloud (Heroku, AWS) and Lucene SOLR.

Hands on experience with

- Setting up of Hadoop Environment on cloud.
- Writing ETL jobs using Apache Crunch.
- Big data processing using Hadoop technologies HDFS,
MapReduce, Crunch and Hive.
- Development of RESTful web services in Java (using Jersey),
Python (using Django).
- Proof of Concept application development.

Experience

Meta

Data Engineer

October 2020 - Present (3 years 2 months)

Menlo Park, California, United States

Building Datasets to Power Product Growth Analytics at Meta (Facebook)

Cerner Corporation

2 years 10 months

Team Lead | Senior Software Engineer

November 2018 - October 2020 (2 years)

Kansas City, Missouri Area

Senior Software Engineer

October 2018 - October 2018 (1 month)

Kansas City, Missouri

Associate Senior Software Engineer

January 2018 - October 2018 (10 months)

Kansas City, Missouri

TEDxIIT

4 years 1 month

Technology Advisor

January 2017 - January 2020 (3 years 1 month)

Greater Chicago Area

- Responsible for Leading and advising Webmaster Committee.
- Mentoring young talent of 7 associates.
- Training and guiding new webmaster team on various aspects of website and TEDxIIT annual Event.

Co-Chair Webmaster Committee

January 2016 - January 2017 (1 year 1 month)

Greater Chicago Area

Worked with a team to upgrade the website design and update the websites according to the requirements.

- Upgraded the home page using template and JavaScript
- Designed a work-flow model for the team to work on and take work.
- Worked on integrating real-time feeds from Facebook, twitter, etc in the site.
- Created a customized URL shortening service in PHP.

- Coordinated the creation of Profile pages for various categories of people working in various departments.
- Managed the access and permission for various users of the site.

Worked on PHP, Javascript, CSS, Wordpress.

Capital One

Big Data Engineer

January 2017 - January 2018 (1 year 1 month)

Rolling Meadows, Illinois

- Design and implementation of Batch Extract, Transform & Load (ETL) processing flows using Spark, Java, Hadoop.
- Designed, Architected & implemented a system for managing and running of Spark jobs on transient EMR using Python.
- Responsible for Automation of Infrastructure setup on AWS including EC2, EMR, Lambda, SNS, SQS, etc.
- Setup of CICD pipelines (Jenkins) for Code deployment in various Environments.
- Development & deployment of artifacts using Agile Software Development process.

Cerner Healthcare Solutions Pvt. Ltd.

Big Data Analytics - Software Engineer

June 2014 - July 2015 (1 year 2 months)

- Design, Development and Deployment of distributed Data processing & ETL pipelines using Java, Hadoop, Hbase, Hive, Hue & Oozie.
- Involved in full life cycle of the development including translating requirements into modules, coding, deploying, etc.

Education

Indian Institute of Technology, Kharagpur

Bachelor of Technology (Honors) & Master of Technology (Dual Degree), Electronics and Electrical Communications Engg. with Masters specialization in RF & Microwave Engg. · (2009 - 2014)

Illinois Institute of Technology

Master's degree, Computer Science · (2015 - 2017)

Jubilee Hills Public School

· (1997 - 2007)