

Chidambara Nadig

Software Developer

TECHNICAL TOOLS

Java
Scala
Python
C++
JavaScript

Spark
Pig
Hadoop

MySQL
Mongo
Cassandra
SOLR

Oozie
Mule ESB

AWS EMR and Lambda
Robot Framework

Open MP
Open MPI
CUDA

MEAN Stack

Agile Methods of Software
Engineering

PERSONAL ABILITIES

Problem Solver

Public Speaker

Fluent in German, Goethe
Zertifikat-A2 by Goethe Institut

CONTACT DETAILS

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SUMMARY

Software Developer skilled at building large-scale distributed applications and big data processing. Experience working in an agile environment with a team geographically dispersed across multiple time zones.

PROFESSIONAL EXPERIENCE

Software Developer, AOL Platforms. (formerly Millennial Media Inc.)

San Francisco, California.

Jun 2014 – Aug 2016

As Developer,

- Architected a First-Party Audience Segments Product involving Pig and Spark applications to improve efficiency of campaign targeting. This was done by analyzing mobile ad-server data.
- Established a 40 node cluster with Spark, Pig, MapReduce2 and Oozie to host daily production jobs which would extract, aggregate and map mobile device ids to Audience Segments based on predetermined business logic.
- Optimized Spark Applications to improve data throughput from processing 250GB/day to 350GB/day on the same hardware.
- Aided team to ramp-up AWS Lambda and EMR Technologies through demos. Migrated from bare metal machines into AWS Clusters within one sprint cycle.
- Enabled business team to better optimize campaigns by giving them easy access to campaign metrics via FTP. This increased revenue by over \$100,000.
- Reduced render time of the Campaign Measurement Tool's front-end dashboard from 1 minute to less than 1 second by optimizing server-side MongoDB queries made by AngularJS Controllers.
- Introduced Test Driven Development and use of Scovrage to improve unit test coverage to 80% in all projects.
- Developed a regression testing framework by implementing Python extension to RobotFramework to test flow of data from Spark to Cassandra.
- Led a cross-team effort to improve volume on First Party Audience Segments by 20%, retrieving mobile users from Ad-Exchange Server data.
- Mentored an intern and facilitated his timely completion of internship goals.

As Scrum Master,

- Adopted Scrum Methodologies with 2-week Sprint Cycles in place of Kanban Practices to help achieve Quarterly Goals on time.
- Worked closely with product manager to translate product specifications into technical tasks. Maintained a prioritized JIRA Backlog.
- Initiated online idea boards, standup-bots and lean coffee meetings to make collaboration in a distributed team effortless.
- Presented product deep-dives and other talks at companywide Brown Bag sessions.

Computing and Information Technology Consultant, New York Center of Excellence in Bioinformatics and Life Sciences

Buffalo, New York.

Jan 2013 – Dec 2013

Provided on-call support to employees on-site, by phone or email as an IT Consultant, to resolve all hardware and software issues. Fixed issues with Routers, Modems, Copiers and Conference Equipment.

ACADEMIA

Master of Science, Computer Science and Engineering

The State University of New York at Buffalo.

Aug 2012 – May 2014

Bachelor of Engineering, Computer Science and Engineering

Visvesvaraya Technological University, India.

Aug 2008 – May 2012