

Chidambara Nadig

Software Developer

TECHNICAL TOOLS

Java
Scala
Python
JavaScript

Spark
Pig
Hadoop

MySQL
Redshift
Cassandra
Mongo

Spring Boot
Hibernate
Play Framework

AWS Resources

Agile Methods of Software
Engineering

PERSONAL ABILITIES

Problem Solver

Public Speaker

Fluent in German, Goethe
Zertifikat-A2 by Goethe Institut

CONTACT DETAILS

Chidambara Nadig
30 Rosemont Place, Apartment 3,
San Francisco, California, 94103.

E: chidambaranadig@gmail.com
L: www.linkedin.com/in/cnadig
M: +1-716-866-7573

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 Engineer II, VigLink Inc.

San Francisco, California.

Feb 2017 – Present

- Active contributor to software architecture, development, QA, infrastructure setup and on-call support for all back-end services in the company.
- Implemented a Real Time Bidding platform conforming to OpenRTB 2.5 Specification for native advertisements to enable easy integration with third-party DSPs.
- Built backend REST APIs to implement the Publisher Payment Dashboard, by retrieving publisher payments and earnings data from Redshift and MySQL data sources.
- Enhanced performance and reinforced infrastructure security for all Spark Applications and AWS Data Pipelines via Amazon Machine Images.

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

San Francisco, California.

Jun 2014 – Aug 2016

- Architected a First-Party Audience Segments Product into Pig and Spark applications pipeline to improve efficiency of campaign targeting.
- Established a 40 node cluster with Spark, Pig, MapReduce2 and Oozie to host daily production jobs.
- Optimized Spark Applications to improve data throughput from processing 250GB/day to 350GB/day on the same hardware.
- Aided team to quickly ramp-up AWS Lambda and EMR Technologies. 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. 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%, using mobile devices extracted from Ad-Exchange data.

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