

Prashanth Narasimhan K

Portfolio

K. Prashanth Narasimhan

Software Developer

Phone: (91) 9944595166

Email: prashanth.k.narasimhan@gmail.com

Portfolio: <https://prashanth-k-narasimhan.github.io>

Address: Block 1, 6B Ceebros Shyamala Gardens
136, Arcot Road – Saligramam
Chennai - 600093

Skype: live:prashanth.k.narasimhan

LinkedIn: www.linkedin.com/in/prashanth-k-narasimhan

Professional Summary

Forward-thinking development professional bringing expertise in Java, SQL, HTML, CSS, JavaScript, Hadoop and its various Big Data tools. Seeking a new position as a Hadoop Developer with a great organization.

Work History

SOFTWARE DEVELOPER | DEC 2015 - Current

Cogmas IT Solutions Chennai, TN

- Developed robust Java code for Web-based applications.
- Participated in requirements gathering and design development meetings.
- Collaborated with clients from concept through final delivery of product or service.
- Consistently met deadlines and requirements for all production work orders.
- Provided continued maintenance and development of bug fixes and patch sets for existing web applications.
- Provided documentation on start-up, shut down and first level troubleshooting of processes to help desk staff.
- Oversaw major new enhancements to existing software systems.
- Designed and developed reports using Pentaho Report Designer.
- Carefully documented technical workflows in a private wiki (ZOHO) for education of newly hired employees.
- Modified existing databases to meet unique needs.
- Oversaw Data Migration using Sqoop into Hive and Hbase from existing SQL Server.

Education

Bachelor of Engineering (B.E) | 2015

Coimbatore Institute of Technology, Coimbatore, TN

Major: Electrical & Electronics Engineering (EEE)

Certifications

Certification in Java | 2013

United Infotech, Coimbatore, TN

Professional Diploma in Digital Transformation (Big Data with Hadoop) | 2017

NIIT, Chennai, TN

STRENGTHS

- Learning agility: Quick learner
- Communicating: Communication Skills
- Creating Ideas: Creativity

AVOCATIONS

- Table Tennis
- Chess
- Reading Novels

Experience

Around 3+ years of IT experience, including 2 years of experience in dealing with Apache Hadoop Ecosystem like HDFS, MapReduce, Hive 2.1.1, Sqoop 1.99.7, Oozie 3.1.3, HBase 1.3.0, Spark 2.1.0, Scala 2.12.0 and Big Data Analytics and supplemental years of experience in Development in Core Java, Spring, Hibernate, JavaScript, AngularJS and HTML/CSS.

Technical Skills

Hadoop ecosystems: HDFS, MapReduce, Hive, Pig, Flume, and Sqoop

Programming Languages: Java, C/C++, Scala

Scripting & Query Languages: SQL, HiveQL, JS, jQuery, Unix/Linux scripting.

Frameworks: Spring, AngularJS, Hibernate

Operating Systems: Microsoft Windows, Linux distributions: Ubuntu (Deb) and CentOS (RHEL)

Personal Information

- Date of Birth: 31.01.1993
- Father's Name: M. Kandaraja
- Mother's Name: K. Indravathy
- Nationality: Indian
- Languages Known: English, Tamil

References

Will gladly furnish personal and professional references on request.

Projects:

1) Navachetana Microfin Services private Limited

This Project is all about the re-hosting of their current existing project into Hadoop platform. Previously Navachetana was using MYSQL Database for storing their clientele information. Navachetana being a leading NBFC for about 4 years, since its inception in 1999 has a huge clientele of about 2 lakh customers in its database. The financial system operates with the use of a highly modified open source web application developed and supported by our development team. Even though there are no major problems in operation, Navachetana being a major NFBC was in need of a faster Report generation compare to that provided by the Pentaho Report Generator with MySQL as the RDBMS.

And it is for precisely this reason that Navachetana wants to move to Hadoop, where we can handle massive amount of data by means of its cluster nodes and also to satisfy the scaling needs of the Report Generating operations.

CLIENT: Navachetana Microfin Services private Limited, HAVERI.

ROLE: Hadoop Developer

TECHNOLOGIES: JAVA, HDFS, Map reduce, Hive, SQOOP, Java, MYSQL server 5.5

RESPONSIBILITIES

- 1) Handling 3 node cluster in Hadoop Environment.
- 2) Creating Hive tables and Scripts to store and process data.
- 3) Developed the SQOOP scripts in order to make the interaction between SQL Database.
- 4) Writing the script files for processing data and loading to HDFS
- 5) Writing CLI commands using HDFS.
- 6) Developed the UNIX shell scripts for creating the reports from Hive data. Completely involved in the requirement analysis phase.
- 7) Moved all log/text files generated by various products into HDFS location Created External Hive Table on top of parsed data.

2) Anti-Money Laundering

AML-ATHENA is a Big Data Visualization Tool used by the analyst for monitoring transactions. Athena helps in effective transaction monitoring and in-depth analysis of a transaction.

CLIENT: Citibank

ROLE: Hadoop Developer

TECHNOLOGIES: HDFS, Core Java, MapReduce, Hive, Impala, SQOOP, Shell Scripting

RESPONSIBILITIES

- 1) Design and create the structure for Oracle databases and its objects.
- 2) Preparation of SQL Script File for promoting to higher environments.
- 3) Backup and recovery strategy for Oracle database.
- 4) Trigger creation for monitoring user activity on specific tables.
- 5) Procedure creation for finding difference between different schemas.
- 6) Function creation integrated with Java for restricting country specific access.
- 7) Synchronized various schemas for maintaining stability of application over various regions.
- 8) Created & Loaded synthetic data in HIVE environment for testing application.
- 9) Optimized IMPALA Query for enhancing application performance.
- 10) Data loading from Oracle Database into HIVE using Sqoop.
- 11) Full Stack Application development with hands-on experience in Ext-Js.
- 12) Defect fixing on various environments that includes SIT, UAT and PROD.
- 13) Application Deployment in SIT environment.