

Somnath Ramesh Maddi

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Career Objective:

"To work with a progressive organization where I can broaden my data science knowledge and grow to be an efficient IT professional."

Experience:

CURRENT ORGANIZATION: DbXento Systems Pvt Ltd

FROM: October 2012 – To Till-Date

DESIGNATION: Associate Software Engineer (DevOps Team)

Technical Skills:

- Big Data Technologies : Hadoop, Hive, PigLatin, Map Reduce, HBase, HDFS, Sqoop
- Languages : R programming, SQL, PL-SQL
- DBMS Packages : PostgresSql, Oracle 10g, MySQL, MS-SQL-Server 2005
- Operating Systems : Windows Family, UNIX, Linux
- Web Technologies : HTML, CSS, JS
- Scripting : Php, Python, Shell Scripting.
- ML Package : Carrot
- Aws Products : S3 and Glacier

Educational Qualifications:

Degree	University/Board	Percentage	Year
MCA	Solapur University	67%	2013
BCA	Solapur University	55.03%	2010
H.S.C	Maharashtra State Board	63%	2007
S.S.C	Maharashtra State Board	51.6%	2005

Achievements:

- Accomplished "Machine Learning" course from **Stanford University**
- Accomplished "Developing Data Products" course from **John Hopkins University** with Distinction
- Accomplished "Exploratory Data Analysis" course from **John Hopkins University**
- Accomplished "Practical Machine Learning" course from **John Hopkins University** with Distinction
- Accomplished "Reproducible Research" course from **John Hopkins University**
- Accomplished "Data Scientist Toolbox" course from **John Hopkins University**
- Presented Research Paper as **Author** for Conference **on Data Sciences in 2014.**
- Appeared **Data Science Essentials Exam (DS-200)** by **Cloudera University.**
- Presented International Research Paper as **Author** in ICIMT-2011
(ISBN: 978-81-921739-1-7)
- Presented Research Paper as **Author** for National Conference held in college **and** Got appreciation as **Best Speaker in SINCA 2011.**

- **Stood Runner Up** in Inter College AD-MAD show.
- Participated in Entrepreneurship Awareness Camp Jan 2010.

Current Projects:

1) Project Name: "Log Analysis for System Performance and Outage Improvement"

Technologies: Hadoop, Hive, Pig, MySQL, D3.js, PostgresSql, Sqoop, oozie.

Platform: Unix | **Team size:** 5 | **Client:** Property Solutions International

Duration: Feb 2013 – Now | **Role:** Associate Software Engineer.

DESCRIPTION: Property Solutions International was facing lots of issues in system performance and maintenance downtime . To make conquer decision on it top level management decided to analyze server logs since 2007.

Roles and Responsibilities:

- Setting up and Tuning Hadoop cluster
- Moving log files into HDFS
- Setting up and Tuning Hive Server
- Run HQL's on Log Files
- Writing and Executing Pig Script on Log Files
- Import and Export RDBMS using Sqoop.
- Make Presentation and graphs for Management of outcomes

2) Project Name: "AWS For Storage"

Technologies: PHP, AWS library, ScriptApp Framework, PostgresSql.

Platform: Unix | **Team size:** 2 | **Client:** Property Solutions International

Duration: Feb 2013 - Now | **Role:** Associate Software Engineer.

DESCRIPTION: In this project we are moving file server data on cloud using Amazon S3, Amazon Glacier and making code base changes accordingly. Writing low cost scripts is a the challenging task in this project.

3) Project Name: "Dual Track Release Process"

Technologies: PHP, ScriptApp Framework, PostgresSql, SVN and Git.

Platform: Unix | **Team size:** 8 | **Client:** Property Solutions International

Duration: Feb 2013 - April 2013 | **Role:** Associate Software Engineer.

DESCRIPTION: In Property Solutions International there was weekly release process but later management decided to make it dual one track for weekly and another for monthly provided freedom to clients to choose any of one track according to their needs. In this project we taken care of code base changes, code deployment, code merging, shared database changes, databse deployment and file server changes

4) **Project Name: "OpenStack Cloud Object Storage"**

Technologies: PHP, OpenStack Swift.

Platform: Unix | **Team size:** 2 | **Client:** Property Solutions International

Duration: Feb 2013 - April 2013 | **Role:** Associate Software Engineer.

DESCRIPTION: In this project was about setting up private cloud for object storage in Property Solutions International but this project was not feasible to PSI technically owe to that project was rejected by management .

5) **Project Name: "Mounts Restructuring"**

Technologies: PHP, PostgreSQL, ScriptApp Framework.

Platform: Unix | **Team size:** 4 | **Client:** Property Solutions International

Duration: Oct 2012 – Feb 2013 | **Role:** Trainee Engineer.

DESCRIPTION: In general term Mounts Restructuring is all about segregating each file that was used in the product or in web services according to their cluster and database. Existing system does not stores data according to their cluster and database, so the objective of this project is to segregate all data i.e. not stored according to their cluster and database and take care of new data that will store accordingly. As well as increase the performance of system so that it will serve Mounts request very efficiently.

Personal Skills:

- Strong problem solving abilities and Analytical skills.
- Excellent verbal and written communication skills
- Strong desire to learn new technologies and good team facilitator.
- Best Team Player.
- Result oriented and positive attitude towards work.

Personal Details:

Date of Birth: December 30, 1989

Hobbies: T-shirt Painting, Learning online courses, swimming.

Languages: English, Hindi, Marathi, French and Telugu.