

CURRICULUM VITAE

DEEPAK JHARIYA (Green Card)
Looking For Remote Work
Hadoop Lead/Architect
Present Address: Parsippany, NJ 07054
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Professional Summary:

- Over 10+ years of IT experience including Hadoop System administration, working with **Cognizant Technology Solutions**, continuing as **Hadoop Lead/Architect** in client (D&B) location (Short Hills, NJ, USA) since Sep, 2014.
- Working on **Cloudera Hadoop (CDH 5)**, where playing the role of both Hadoop Admin and Developer. Have expertise in **Hive, Impala, Hue, Pig, MapReduce, HBASE, Oozie, Sqoop, Sentry** and cluster administration through **Cloudera Manager, Cloudera Navigator**. Basic knowledge of AWS, Apache Zeepline, DMX-h ETL tool and Spark.
- Great experience on **Cluster Administration** (Setup, Upgrade, Patch installation, Security Management) with Cloudera
- A Cloudera certified Hadoop developer (**CCDH**) and Zend PHP 5 Certified Engineer (**ZCE**)
- Hands on experience in server side scripting like **Java, PHP**, DBMS packages like **MySQL, Oracle**, BigData technologies like **Hadoop**, Web technologies like **AJAX, JSON, Javascript, JQuery, RSS, XHTML, CSS** and operating systems like **Linux, Windows**.
- Around 10+ years of total industry experience with 2.5+ years in BigData Hadoop, 4-6 years in web application development (CMS, E-commerce, Social networking and digital marketing) and 2-3 years in CRM development and consulting.
- Proficiency in managing widely-divergent, parallel projects from inception, requirement specs, planning, designing, configuration management & documentation to roll out and post production support within agreed cost / timelines.
- Expertise in developing & effectuating project management plans and risk mitigation plans for ongoing engagements. Solution architecting the applications
- Good exposure to **SDLC** process and **MVC** framework design pattern with **agile** methodology of working
- A Team player, who can manage middle to big size team with modular design pattern and can deliver a quality product in time
- A fast learner and adaptable to all kinds of new technologies. Hard working and ability to take responsibilities with comprehensive problem solving ability.
- Highest education as **PGDM (Post Graduate Diploma in Management)** with a specialization on "**Information Systems**" from Alliance Business School, Bangalore. And completed Bachelor in Engineering (**BE**) in "**Information Technology**" from BPUT, Orissa.

TECHNICAL PROFICIENCY:

| | |
|----------------------|---|
| BigData Technologies | HDFS, Hive, Impala, Pig, Hue, Oozie, MapReduce, Sqoop, Sentry, HBase, Cloudera Manager, Cloudera Navigator etc. |
|----------------------|---|

| | |
|------------------------------------|---|
| | Basic knowledge on AWS, Apache Zeepline, DMX-h ETL tool, Apache Ambari and Spark. |
| Programming Languages | Java, PHP, JS |
| Databases Packages | MySQL, Oracle |
| Frameworks/Web Technologies | Netbiscuits mobile platform, Codeigniter, Zend, Smarty, JSON, AJAX, JQuery, RSS, XHTML, CSS |
| CRMTTools/Products | Sugar CRM, VtigerCRM, Suite CRM |
| CMS Tools/Products | Autonomy/InterwovenTeamsite, Wordpress |
| IDE/Tools | Eclipse, Aptana Studio, Zend Studio, Dreamweaver, Tortoise SVN, Git Stash |
| Domain Expertise | BigData DW, CRM, CMS, Digital Marketing |
| Operating Systems | Unix, Linux, Windows |

Current Responsibilities:

- Designing and Architecting Big Data solutions based on Hadoop
- **Managing D&B BigData** platform and leading team for deliveries around data availability, data quality and accessibility through analytic and reporting tools
- **Supporting multiple projects and enhancing them with different features**
- Great experience/expertise in Cluster management, while setting up new clusters for D&B initiatives and performing upgrades on existing clusters when needed, with regular operations related to Sentry security management, data node addition/removal etc.
- Using Hadoop ETL components like Sqoop for data extraction from RDBMS systems like Oracle, MySQL and load into HDFS, Hive
- Using Pig and MapReduce programs for data transformation of both structure and semi structured (JSON, XML) data
- Creating and Monitoring Oozie workflows for scheduled jobs and performing metadata management through MySQL/Hive
- Writing Hive and Impala queries for data validation and analytics
- Gathering new data source upload requirement, suggesting format and standardizations to be followed and load them to Hadoop environment
- Using Solr for search and Cloudera Navigator for Audit related activities
- Doing POC activities on new technology components like Spark, Drools, DMX-h ETL tool, Apache Zeepline etc. for system enhancement
- Supporting analytics & reporting tools to connect and extract data from Hadoop

PROJECT ANNEXURE:

Project **IDEAS (Integrated Development Environment For Analytic Solutions)**

Overview

Building a centralized BigData Hadoop environment which can be used to store all D&B data sources that can be used by all analytics users for predictive analysis and dashboard reporting.

It has below major modules/activities

- Setting up and managing the CDH 5 Hadoop Cluster
- Building MapReduce, Oozie based automated jobs to load multiple data sources into HDFS, after validation and cleansing
- Setting up Oozie workflow to load incremental data on monthly, quarterly basis
- Creating Hive schema and tables for users, to give easy access to HDFS structured data
- Using Pig scripts to transform semi structured data into structured format
- Using Sqoop tool to extract data from RDBMS and load into Hive
- Managing ACL through Hadoop Sentry component
- Maintaining file meta data information into MySQL for online reporting
- Archive setup for both raw and processed HDFS data
- Enhancing the system by doing research on new Hadoop components like Flume, Spark etc.

Technology

CDH 5.5, HDFS, Hue, Hive, Pig, Oozie, MapReduce, Sqoop, HBase

Employer

Cognizant

Client

D&B (Dun & Bradstreet)

Role

Hadoop Lead/Architect

Project

Overview

GBR (Global Business Ranking)

Building automated system which can pull data from external systems and load aggregated data into Hive tables with audit information, so that analytics team can do modeling over it.

It has below major modules/activities

- Setting up process and flow to receive files through secured process and get it available for the Hadoop cluster
- Using Pig scripts to transform some XML, JSON format data
- Building MapReduce, Oozie based automated jobs to parse, transform data and load them in staging tables
- Perform data validation and load into production schema and manually fix the rejected records
- Restricting the access of Hive schema through Hadoop Sentry
- Fulfillment process where we extract required data elements and push to external FTP
- Setting up Oozie workflow to load incremental data on daily basis to day partitions of Hive table
- Building QA automation tools, to validate data in HBase

Technology

CDH 5.2, HDFS, Hue, Impala, Hive, Pig, Oozie, MapReduce, Sqoop, HBase

Employer

Cognizant

Client

D&B (Dun & Bradstreet)

Role

Hadoop Lead

Project

Overview

BIN Solution with Amazon

Building a centralized web service solution, this will be integrated with all P&G brands. And

then integrating the solution in selected top brands of P&G like Gillette, Oral-B, Duracell etc. as pilot.

It has below major modules/activities

- Amazon API integration
- Integration with Google CI and merge it with Amazon response and CI response
- Building web service which receives input for brands and SKU and provide retailer list as part of response
- Building store locator feature with Google map integration
- Support for XML/HTML response format
- Scalability and performance measurement to support all P&G brands and locales
- Localization support

| | |
|-------------------|------------------------|
| Technology | Java, MS SQL Server |
| Employer | Mindtree |
| Client | P&G (Procter & Gamble) |
| Role | Project Manager |

Project Overview

Gillette Venus Website

Building a RWD (Responsive web design) site for Gillette Venus brand of P&G, which has below sections/modules

- Integration with Teamsite CMS with both open deploy and data deploy support
- RWD support to enable desktop, tablet and mobile device view
- Product selector tool
- BazaarVoice integration for ratings & review feature
- Google Channel Intelligence integration for buy it now solution
- Social network API integration to show latest feed from Facebook & Twitter
- GSA integration for search feature and GA integration for event tracking
- Registration, Login features
- Localization support
- SSIS package for scheduler job

| | |
|-------------------|--|
| Technology | .NET, MVC Entity Framework, SQL Server, Interwoven Teamsite CMS, CSS 3, JQuery |
| Employer | Mindtree |
| Client | P&G (Procter & Gamble) |
| Role | Project Lead |

Project Overview

Olay Mobile Website

Building a mobile website for Olay brand with integration of Netbiscuits platform. It has below major modules

- Integration with Teamsite CMS with both open deploy support
- Netbiscuits BML integration for view pages
- Product category, sub-category feature with product selector tool
- BazaarVoice integration for ratings & review feature
- Google Channel Intelligence integration for buy it now solution
- Shopping Cart integration
- GSA integration for search feature and GA integration for event tracking

- Localization support
- SSIS package for scheduler job

Technology .NET, SQL Server, Netbiscuits BML, Teamsite CMS
Employer Mindtree
Client P&G (Procter & Gamble)
Role Project Lead

Project Overview **Discreet Contest Website & Social network application**

A social network (Facebook/Vkontakte) contest application created for P&G Discreet brand and was built for multiple countries/locales.

It has below major modules

- Integration with Vkontakte (social network in Russia) API
- Integration with Facebook API
- Integration with email engines of Russia like Yandex, Rambler, Gmail etc
- Registration, Login, Forgot Password, User profile modules for user
- Invite Friend, Voting, Sharing features for videos created by users
- Contest module which deals with a flash tool
- Admin module which has moderation and report generation feature
- Localization support with release of 4 locales

Technology PHP 5, MySQL, AJAX, JSON, JQuery, Smarty, Facebook (FBML, FQL) & Vkontakte API, Unix
Employer Mindtree
Client P&G (Procter & Gamble)
Role Technical Lead

Project Overview **Tide Website**

Building a website for Tide brand with localization support which has below major modules

- Integration with Teamsite CMS with open deploy workflow support
- Product landing with multi select facet filter mechanism
- Product recommender tool
- BazaarVoice integration for ratings & review feature
- ExpoTV integration for product video reviews
- Stain Brain web service creation
- Google Channel Intelligence integration for buy it now solution
- Lucene search API integration for search feature and GA integration for event tracking
- Localization support
- Package for scheduler job

Technology J2EE, Spring, Oracle, Teamsite CMS, JQuery
Employer Mindtree
Client P&G (Procter & Gamble)
Role Module Lead

Project **Duracell Website**

Overview

Building a website for Duracell brand with localization support which has below major modules.

- Product landing with multi select facet filter mechanism
- Article listing and detail page
- Product and category detail pages
- Bunny section
- BazaarVoice integration for ratings & review feature
- Lucene search API integration
- Localization support

Technology

J2EE, Spring, Hibernet, Oracle,TeamsiteCMS,JQuery

Employer

Mindtree

Client

P&G (Procter & Gamble)

Role

Senior Developer

Project Overview

Periship (Sugar CRM Prof. 5.2.0e)

It is used for Periship to manage its customers. Several new modules integrated into it as "Claims", "Supplies", "Shipping Address" modules. The client has several clients across the world to which he sends perishable goods. It manages the supplies through supplies module and manages the claims given by its customers through Claims module.

We have integrated the Zucker Report module into it, which is based on iReport, so that client can access different reporting formats to manage his business properly. Also customized different existing core modules to meet client requirement. Also configured different work flows to meet client needs.

Customized and integrated Justcrm Time-Invoice module to support Contacts & Tasks module. This module used to track time spent on a case or a task and can maintain time sheet. For each unbilled time duration, invoice can be raised. Invoice generation is automated by calculating time and cost with hourly cost specified for each case. It has below modules

- . Added module as Claims without module builder.
- Added module as Supplies and Shipping Address without module builder.
- Integrated Zucker Report.
- Customized Project module and Task Grid view
- Configured various workflows on time basis and on several events.
- Integrated Google map to Contacts Address.
- Integrated Just CRM Time-Invoice module and customized to support Tasks & Contacts module

Technology

PHP, MySQL, SugarCRM Prof 5.20e, Smarty,AJAX, Unix

Employer

Jeevan Technologies

Role

Senior Developer

Project Overview

Second CRM (Vtiger CRM 5.1)

This application based on "Vtiger CRM" which is inherited from Sugar CRM. We are adding a lot of extra features and also customized some existing features to make the product more qualitative.

Multi-tenant CRM system module is there to make use of the same CRM application code usable for different clients. Each client have different database. A separate interface will be there where each client server configuration settings will be saved. According to the site url the config file will retrieve config. variables and will work accordingly

In layout manager module, each module's custom fields can be managed. Means new fields can be added or existing fields can be updated/deleted. Also their visibility and sequence can be managed. In Send IM notification module admin will get IM notifications in case any other user will add/update any existing record. It also sends IM Notification regarding the new unread mails in the mailbox.

- Multi-tenant CRM system
- Layout Manager for custom fields.
- Send IM Notifications to admin for different operations.
- Manage product template backup to be used for other sections
- Tabbed menu style configuration.
- Telemarketing dashboard.
- Ticket Dashboard
- Mobile Interface
- Magento-CRM Integration through Vtigerwebservices

**Technology
Employer**

PHP, MySQL, AJAX, Vtiger 5.1, Smarty, Unix
IndusNet Technologies

**Project
Overview**

Directory Submission Application

This project is used for a search engine optimization company. The SEO company is dealing with a set of "directory" packages. The customers who wants to increase the ranking of their websites can submit their information/site-urls to the company by purchasing affordable "directory packages" through internet (with paypal transaction).

This is an e-commerce application which supports online shopping with payment gateway system like PayPal and managing the transaction by tracking its delivery process in admin panel. It also has several admin panel modules through which administrator can manage its sales front end with various dynamic features..

- Dynamic sales front-end management with paypal transaction
- Managing the total system in admin panel with following modules
 - Create or manage new sales front ends.
 - Voucher management system.
 - Help-text management.
 - Package creation and management.
 - Directory management.
 - Job-queue management (Edit, view & Record submission with report generation).
 - E-com turn off key management.

**Technology
Employer**

PHP 5, MySQL, AJAX, Java Script, XHTML, CSS, Unix
ADII Research & Applications (P) Limited

**Project
Overview**

Real Estate Transfer Utility

This project is used for a "Real Estate Owner" who wants an application to be used by their

agents. The real-estate agents who are dealing with old/new properties can upload their data/photos/pdf-brochures to the owner database through this application.

The real-estate agents can upload their data from a database or from excel-sheet. They have to establish connection with owner database then map their fields with the owner database fields. Then they can upload their data (photos & pdf brochures) to the owner database by simply clicking a button. If any transfer error occurs then the owner can find from the error log. The agent can also upload data from a excel sheet in the same manner.

- Connecting to different remote databases & excel sheets.
- Edit or update mappings from one database/excel sheet to other.
- Transfer data or records from client database or excel sheet to server database.
- Upload photo/pdf brochures from client FTP to owner FTP server for each uploaded record.
- Error/Warning management for each transfer error of data or photos

Technology PHP 5, MySQL, AJAX, XHTML, CSS, Linux
Employer ADII Research & Applications (P) Limited

Awards & Achievements:

- Received "High Achievers Pillars Award" from Mindtree on 2013
- Received "Team Spot Award" from Mindtree on 2012
- Received "Outstanding Performer award" from Mindtree on 2012
- Received "Outstanding Performer award" from Mindtree on 2011

Industry Experience:

- ❑ **Cognizant Technology Solutions (Short Hills, NJ, USA)**-BigData Hadoop Lead, from Sep 2014 to till date
- ❑ **Mindtree Limited (Cincinnati, OH, USA)** -Onsite Service Delivery Lead, from Jun 2013 till Sep 2014
- ❑ **Mindtree Limited (Bangalore, Karnataka, India)** - Technical Lead, from Dec 2009 to June 2013
- ❑ **Jeevan Technologies (Chennai)** - Software Engineer, from Apr 2009 to Dec 2009
- ❑ **IndusNet Technologies (Kolkata)**- Sr. Web Developer, from Oct, 2007 to Apr, 2009
- ❑ **ADII Research & Applications (P) limited (Bhubaneswar, Odisha, India)**- Software Engineer, from Jul 2006 to Sep 2007

Educational Qualification:

- ❑ Completed **PGDM** (Post Graduate Diploma in Management) with "Information Systems" specialization (2010-2011), from **Alliance Business School**, Bangalore, India
- ❑ Completed **BE** (Bachelors in Engineering) in Information Technology (2002-2006), from **BPUT**, Odisha, India

Personal Skills:

- ❑ Comprehensive problem solving abilities

- ☐ Adaptive to new technologies and willingness to learn
- ☐ Team Player
- ☐ Leadership quality
- ☐ Ability of taking the ownership/responsibility
- ☐ A Smart worker

Declaration:

I do hereby declare that the particulars stated by me are true with the best of my knowledge and belief.

Place:

Date:

(Signature of the candidate)

DEEPAK JHARIYA

- NJ, USA

Contact Information

- djlead4466@gmail.com (Preferred)
- 2154887750 (Preferred)

Work History

Total Work Experience: 13 years

- **BigData Hadoop Lead | Cognizant Technology Solutions**
Sep 01, 2014 - No End Date
- **Delivery Lead | Mindtree Limited**
Jun 01, 2013 - Sep 01, 2014 | Cincinnati OH United States
- **Technical Lead | Mindtree Limited**
Dec 01, 2009 - Jun 01, 2013 | Bangalore Karnataka India
- **Software Engineer | Jeevan Technologies**
Apr 01, 2009 - Dec 01, 2009
- **Sr. Web Developer | IndusNet Technologies**
Oct 01, 2007 - Apr 01, 2009
- **Software Engineer**
Jul 01, 2006 - Sep 01, 2007 | India

Skills

- **leadership** | 7yrs | 2017
- **integration** | 6yrs | 2017
- **big data** | 5yrs | 2017

- **mysql** | 5yrs | 2017
- **apache hadoop** | 5yrs | 2017
- **brand** | 5yrs | 2017
- **internationalization and localization** | 5yrs | 2017
- **api** | 4yrs | 2017
- **reporting** | 4yrs | 2017
- **workflow** | 4yrs | 2017
- **ajax** | 3yrs | 2017
- **jquery** | 3yrs | 2017
- **json** | 3yrs | 2017
- **oracle** | 3yrs | 2017
- **php** | 3yrs | 2017
- **project management** | 3yrs | 2017
- **smarty** | 3yrs | 2017
- **unix** | 3yrs | 2017
- **crm** | 2yrs | 2017
- **it management** | 3yrs | 2013
- **apache**
- **hadoop**
- **internationalization**
- **localization**

Work Preferences

- Likely to Switch: Most Likely
- Willing to Relocate: No
- Work Authorization:
 - US
- Work Documents:
 - Green Card
- Desired Hourly Rate: 80+ (USD)
- Desired Salary: 160000+ (USD)
- Security Clearance: No
- Third Party: Yes
- Employment Type:
 - Contract - Corp-to-Corp
 - Contract - W2
 - Contract to Hire - Independent
 - Contract to Hire - W2
 - Part-time
 - Contract - Independent
 - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice:
<https://www.dice.com/employer/talent/profile/2b6e1fda7b96fbdf50589f8bfaec73e2fed4e80e>