**CURRICULAM VITAE**

**Surya Prakash**

**Senior Software Engineer**

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| **Career Objective** |

Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people and willing to work as a key player in challenging & creative environment.

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| **Professional Experience** |

* Working as **Senior Software Engineer** in **Avana Consulting Private Limited**, Bangalore from Jun 2011 – Till to Date.

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| **Profile Summary** |

* Total 4+ years of work experience in **Java, J2EE, Struts, Hibernate, Hadoop, MapReduce, Hive, Pig, and HBase.**
* 1 Year 6 Months Experience on Hadoop Technologies like **Hadoop MapReduce, Hive, HBase and Sqoop**
* Worked as part of an agile team serving as a developer to customize, maintain, and enhance a variety of applications for Java/J2EE based solutions.
* Apply in-depth knowledge of software development cycle to develop applications using Java/J2EE.
* Strong Database experience in MYSQL / Oracle.
* Committed team player, with excellent communication skills and strong team player, able to adapt to dynamic environment
* Enthusiast cloud technologies developerand have good knowledge and experience.
* Designing and coding complex Java applications, websites and web pages.
* Highly motivated, quick learner, team player with good technical and analytical skills.

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| **Skill Summary** |

**Programming Languages :** Java, J2EE

**Hadoop Technologies :** Hadoop MapReduce, Hive, Pig, HBase

**Web Technologies :** Servlets, JSP, HTML, Java Script, CSS, XML, AJAX

**Web / Application Server :** Weblogic, Tomcat, Sun Web Server, JBOSS

**Database :** MS SQL Server, Oracle, MySQL

**Packages :** MS Office, Open Office

**IDE :** Eclipse, JDeveloper, Netbeans

**Operating Systems :** Windows, Unix

**Testing Frameworks :** JUnit

**Frameworks :** Struts,Spring, Hibernate

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| **Educational Qualification** |

* **M.C.A(2007-2010)** from Intellectual Engineering College, Affiliated to Jawaharlal Nehru Technological University, Ananthapur with 70%.

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| **Project Details: PROJECT EXPERIENCE – DETAIL** |

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| **#1. Sa- Dhan Operations Management System (SOMS):** |

**Period : AUG 2011 – Dec 2012.**

**Environment : JDK 1.6, Tomcat, JSP, JavaScript and MySQL.**

**Tools Used : JDeveloper,** **SQLyog.**

**Team Size : 4**

**Position : Developer.**

**Description:**

Sa-Dhan is an Association of Community Development Finance Institutions in India. Electronic data management from MFI’s level will bring into light a new dimension in microfinance sector. Transforming data into information not only supports the management for better decision making but also expands business options through electronic interaction. The system (SOMS) will allow Sa-Dhan to maintain a database of data collected from different MFI’s in Indian microfinance sector. The system will support current process of data collection through email. The system supports member creation and management. The database also stores the information of employees and different privileges that can be set to the employees at different levels to access different modules. Only the authorized employees of Sa-Dhan who have the privilege can generate ratios and various reports interacting with the system. The system will automatically generate a report regarding the changes made in/by a user profile. The system also provides a search tool over existing fields, which queries required information as output.

**Responsibilities:**

* **Coding of complex features**
* **Code reviews**
* **Involved in development of the front-end application and back end data base system**.
* **Played a major role in the entire life cycle of the application**

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| **#2. Purchase Order Management Web Application** |

**Period : Jan 2013 – Apr 2014**

**Environment : JDK 5, Servlets, Hibernate, Tomcat, JSP, JavaScript and MySQL**

**Tools used : JDeveloper 11g, SQLYog**

**Team Size : 6**

**Position : Developer**

**Description:**  JP is a content driven site where job seekers can search the jobs, and list of opportunities available based on their search criteria. Employers and Consultancy’s can post their job requirements and they can also search Job seekers for their requirement. Job seeker finds any job interesting but it didn’t match to them, they can share it on the social networks or send them through the mail.

**Responsibilities:**

* **Involved in design & development of the front-end application and back end data base system**.
* **Coding of complex features**
* **Status Reporting to clients**
* **Communication with business partners**
* **Helping team on technical issues**
* **Performance Tuning**
* **Played a major role in the entire life cycle of the application**

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| **#3. Dynamic Pricing Re-architecture** |

**Period : Jan 2014 – Till Now**

**Environment : Java, Hadoop HDFS, Map Reduce, Hive, MySQL, DB2, JBoss**

**Tools : Sqoop, SVN, Shell scripts, Eclipse, SQLYog, Cloudera VM, JUnit**

**Team Size : 15**

**Position : Developer**

**Description:**  Project goal is to move current architecture of dynamic pricing system to do heavy processing on Hadoop based framework. The new architecture is supposed to save huge mainframe processing cost as well as would enable current system to handle much more data.

**Responsibilities:**

* **Worked on over all architecture.**
* **Detail design and review**
* **Status Reporting**
* **Communication with business partners**
* **Code reviews**
* **Helping team on technical issues**

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| **#4. Maintenance Projects** |

Experience in working with maintenance projects developed under different technologies.

* **Inventory control system(PowerBuilder):**

**Environment: Power-script , Oracle and MS SQL Server 2008 R2**

**Tools used:** PowerBuilder, SQL-Developer and MS SQL Server Management Studio

**Description: ICS** (Inventory Control System) is designed as the system for managing material inventories on all Navy ships. The major functions of ICS system are - Requisition of materials, Receiving of materials, build and maintain a database of inventory, Issue of materials from a central source, tracking of issue and receive of containers in which material are issued, Return of material. System also takes care of maintaining all the Activities, Work Centers, Manufactures and Locations of Inventory. Various reports of all these modules are generated as part of this system. ICS include Asset Visibility at Regional and Global levels, Compute recommended buy quantities, recommend redistribution, Replenishment, provides full capability to maintain rotating fund, and allows multiple accounts, flexible value added charges and data dump ability.

**Roles Performed:**

* Developed new functionalities and added new features to existing functionality.
* **Aggregated Text Mining (ATM):**

**Technologies Used: Hadoop, HDFS, MapReduce**

**Description: ATM (Aggregated Text Mining)** tool enables extraction of valuable knowledge from the verbatim data (e.g. technical verbatim) using which quality and service organizations can take important decisions related to service and quality improvements of present and future builds.

**Roles Performed:**

* Designed and Developed functionalities. Developed MapReduce Jobs to perform Text Mining and configured clustered environment for Hadoop.