**Pawan Kumar Gupta**

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**Summary**

* A total experience of 7 years, currently working with **Informatica Business Solutions Pvt Ltd** since last **5.6** years**.**
* Worked with **ITC InfoTech Pvt Ltd** for 1 year and 7 months.
* Experience in requirements definition, analysis, design and development.
* Additional strengths are business process understanding, maintenance and enhancement of real time software products.
* Good knowledge of data structures and algorithms.
* Good exposure to design pattern and agile methodologies.
* Over Six and half years of experience in java/J2EE technologies including Servlet, JSP and Hibernate.
* Knowledge of Hadoop framework.
* Expertise in **I18N**.
* Expertise in object oriented programming and design.
* Ability to meet deadlines.
* Good understanding of multithreaded environments.

**EDUCATION**

**Jun 02-Jul 06:** Bachelor’s in Engineering (**Computer Science**) from **PESIT,** Bangalore, India.

**Sep 07**: Sun Certified Java Programmer (**SCJP**) with **90%**

**Jul 06 - Present:** Various technical and behavioral trainings at ITC Infotech as well as Informatica including

* Design Pattern Workshop.
* Time Management Workshop.

**TECHNICAL EXPERIENCE**

Programming languages: Java, Swings, ANT, Shell Scripting, JavaScript,HTML, XML,Servlet and JSP.

Database Knowledge: MySQL, Oracle

Operating Systems: Linux, Solaris and Windows

Tools: Eclipse,Perforce ,InstallAnywhere(IA), DevTrack, NetBeans, Toad, Jenkins.

***XML to relational database Binding***

Project required to map the xml data to relational database like Oracle, MySQL, and DB2. On the web UI user had an option to tell the important tables and fields which needs to imported to target DB. On initial scan the processor will parse the data and show the preview of relevant tables. It will also perform the smart processing of xml and find out which are the other tables and relationship are possible. On the web UI user will have an option to select the all possible tables and relationship (if any possible).

**Responsibilities:**

* Writing the processor logic map the xml to relational database.
* Defining different data structures to be storing the executional data.
* Writing JUnit test cases for the application.
* Designing user interfaces and detailed designs of interface programs
* Gathering requirements, analyzing and designing solutions for various technological enhancements in the processes.
* Performance optimization.

**Technologies Used**: Java 1.6, Servlet, JSP, JavaScript and MySQL, Oracle

**Roles** :Developer.

**Duration:**         May2012 – till date

***Installation/Configuration Wizard framework (Informatica 9.0/9.5)***

Developed a configuration wizard framework with MVC model where view (Panels) is developed using SWING. The model (data and meta data) are stored in Hash Maps (called DataHash). The whole installation/configuration process is controlled using a controller.

**Description:**

* The Lower Layer of wizard is IA which is used as a JAVA engine for launching Wizard on respective platforms.
* The forking of Configuration wizard happen from IA and which in turn wait until the configuration is not completed.
* IA forks up configuration wizard which loads all the panels and its attributes written in XML
* After loading the panels, a request is send to controller which launches the panels and takes over to control to move back and forth.
* Once the configuration and installation is completes, controller notifies the IA.
* IA then terminates JAVA process which completes installation/configuration process.

**Roles:** Developer

## Responsibilities:

* Participated in various release of Informatica products like PowerCenter, Informatica Data Quality, Informatica Data Explorer and Informatica 9.0.0 where I developed the configuration wizard using Core JAVA APIs & Swings (as front end). InstallAnywhere used as engine.
* With InstallAnywhere, there were several challenges in L10N and I18N. So to get way with that, for the future release of Informatica, we developed a WIZARD for any kind of installation/configuration on top of
* IA where IA is playing silent role.
* Designing use cases and user acceptance test cases
* Integration Testing and Performance optimization.
* Gathering requirements, analyzing and designing solutions.
* Written JUnit test cases for unit testing the components.

**Duration**: Feb 2008 – till date.

**Technologies Used**: Java 1.6, Java Swing

**Tools Used**: Eclipse, InstallAnywhere 2010

***DHL- GEMA***

GEMA is an integrated tracking and tracing application that supports the global customer contact centers around the world. UI is developed using JSP and Servlets and Hibernate is used as ORM.

**Client:**  DHL

**Duration:**         July 2006 – Jan 2008

**Roles:** Developer 

**Responsibilities:**

* Designing the Front-end Components for the application
* Integration Testing
* Designing user interfaces and detailed designs of interface programs
* Gathering requirements, analyzing and designing solutions for various technological enhancements in the processes.
* Performance optimization.

**Technologies Used : Java/J2EE, Hibernate**

**Tools Used :**  Eclipse, Agentis

***Emergency bug fix utitlity***

This utility helps customer in applying fixes on an already released product. This utility fixed many real time challenging issues.

* Duplicate binaries present at different directories, back them up and apply the new bug fixes.
* Track changes for each bug fix.
* Rollback all the changes incase customer is not happy with the solution provided.

I designed and developed this utility which is currently used by Informatica in releasing bug fixes for customers.

**Technologies Used**: Java 1.6

**Roles** :Developer and Designed the application.

**Duration:**         Jan 2012 – August 2012