**Aamir Khan**

**PROFESSIONAL SUMMARY**

* 7 + years of experience in design, development, deployment and test of client server, web based and distributed software applications by using J2SE and J2EE technologies like CORE JAVA,RMI ,JDBC, SERVLET, EJB (Session and Entity Message).
* Experience on OOP(Objective Oriented Programming) like Inheritance ,Polymorphism, Abstraction
* Expertise experience in Server side MVC frameworks Spring 2.0, JSF and Object relational mapping tools like JPA, Hibernate 3.0.
* Experience in developing GUI screens using HTML, XHTML, CSS, JSP, JSTL, and JAVASCRIPT.
* Developed J2EE applications by using the IDE’s such as Eclipse, Net Beans, JDeveloper.
* Experience in deploying applications using Application Servers like WebLogic8.1/9.2/10.3, JBoss 4.2.2, Oracle App Server, Websphere5.1/6.1, Web Server and Apache Tomcat 5.5, Glassfish.
* Good Experience in usage of version controls such as CVS and SVN .
* Good experience in implementing different design patterns such as MVC, Singleton, Factory, Factory Method, Observer.
* Proficient in using RDBMS concepts and worked with Oracle 8i/9i/10g/11i, SQL server 2005,and good experience in writing Stored procedures, Functions and Triggers using PL/SQL.
* Technical expertise in the areas of Object Oriented Analysis and Design (OOAD) Using different methodologies and UML.
* Ability to rapidly learn new concepts together with excellent interpersonal skills and excellent problem solving skills.

**EDUCATION**

* Master of Science in Computer Science (MSCS)
* Maharishi University of Management, Fairfield, Iowa

**CERTIFICATION**

* Oracle 9i DBA Certified Professional (OCP)
* OCP Oracle 9i (DBA Track)
* Oracle Corporation

**TECHINCAL SKILLS**

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| Programming Languages | Java,C#, VB .Net , VB6, SQL/PLSQL |
| Distributed/Web Technologies | Server-side – JSF, JSP,  Browser-side – HTML (XHTML, DHTML), CSS, JavaScript |
| Other Technologies | UML, XML (DTD, Schema, XSLT, XPath, DOM), SQL, Triggers and Stored Procedures |
| Frameworks | JSF, JPA, Spring, Hibernate |
| Application/Web Servers | Tomcat, Glassfish, WebLogic, Jboss, |
| RDBMS | Oracle8i/9i/10g, SQL Server, MySQL, MS Access |
| Software Tools | Eclipse, Netbeans, JDeveloper, CVS, Oracle Designer 6i, Oracle Forms/Reports 6i ,Crystal Reports , Coral Draw, Photoshop. |
| Software Architecture | Classical – MVC (Model-View-Controller), Factory, Singalton |
| Platforms | Windows Windows/Microsoft Windows Servers |

**PROFESSIONAL EXPERIENCE**

**UnitedHealth Group-OptumInsight, Eden Prairie, MN Jan’ 2012 – Current**

**Java J2EE Developer**

**Description:** Actionable Intelligence is a new Analytics platform focused on improving and providing better clinical decision support at the point of care for providers, nurses, and care managers ultimately improving the healthcare quality of patients. Actionable Intelligence utilizes right time data from claims, clinical, outcomes and patient entered data to provide clinical support utilizing the latest evidence based guidelines and standard healthcare measures to provide patients a unique care plan to which their treatment and health can be reviewed and monitored by both patient and provider all available on the cloud

**Responsibilities:**

* Developed the project using SCRUM agile methodology.
* Defined Object Relational Mapping for Hibernate.
* Involved in writing POJO classes, defining DAO interfaces and writing Hibernate query language (HQL) queries.
* Extensively involved in generating SOAP based webservices using JAX-WS and Apache CXF 2.x runtime environment.
* Extensively implemented the application using Spring 3.0 & Annotations. Implemented dependency injection, autowiring and integrated Hibernate.
* Configured Spring transaction management, Hibernate Transaction Manager, Session factory, Session etc., in Spring application context file.
* Involved in testing using JUnit 4 test cases and relevant API.
* Logging framework (Log 4j) was used throughout the application for debugging and error notifications.
* Implemented Log4j Appender to persist logs into the database instead of printing on the console.
* Extensively worked with Oracle 11g database.

Environment: Java/JEE, Spring, Hibernate, JUnit, Log4j, JSP, JSF, Servlets, MS SQL Server

**TSPUSA.com Teaneck, NJ Aug'2010 – Dec'2011**

**Java Developer**

**Description:** Client Relationship Management System (CRMS) is targeted for non-profit organizations working with state governments to provide clients with services like counselling and to help them during incidents.

**Responsibilities:**

* Design and development of CRMS using Java, spring, Hibernate and Ajax.
* Experience in fine-tuning the fetch strategies of entities managed by Hibernate.
* Used spring MVC framework for defining controllers to organize the CRMS view components and the interaction between them.
* Used Prototype window JavaScript classes for richer user experience.
* Designed Database tables to support the CRMS system. Care is taken to normalize the database structures where needed.
* Used Hibernate Tools for reverse engineering the legacy database structures into hibernate mapping files and Plain Old Java Objects (POJO).
* Experience in using hibernate and choosing the right type of association between the managed entities.
* Used hibernate DAO support for issuing commands to the SQL server.
* Worked in an agile environment/people oriented process by frequently evaluating project priorities and integrating it with early feedback from customers consistently.
* Used JSF for view-to-view independence.

**Environment:** Java/J2EE, JBOSS, Java 5,IBM RAD, spring1.0, hibernate2, Ajax, JSP, JSF, Servlet, JSTL, HTML, CSS, JavaScript, SQL Server2005, Visual Source Safe.

**Java J2EE Consultant March '2009 – July'2010**

**SmartEquip Norwalk, CT**

**Description:** SmartEquip is the leading provider of industry solutions revolutionizing parts and service support for construction equipment manufacturers, dealers and fleet operators. Handled multiple projects like Vendor Portal. Smart Equip has integrated and Non-Integrated manufactures to maintain parts information Smart Equip maintains data for integrated manufactures like vendor portal and Non Integrated manufactures like Wacker.

**Responsibilities:**

* Involved in System Analysis that included the high-level design, low-level design, and contributed to the technical architecture of the system.
* Responsible in implementing various J2EE Design Patterns like Singleton Pattern, Business Delegate, DAO and Factory Pattern...
* Implemented Generics, Annotations and Enhanced for Loop while implementing hibernate and pagination.
* Worked on Integrated Manufacturers and non integrated manufacturers for new enhancements
* Used Eclipse is an IDE and use to deploy application war files in Tomcat Server.
* Worked on Parsers like Dom to send data from SmartEquip to E fleet Pro Systems.
* For URI applications worked on Xwork, Jdbc and Flash and Vendorportal applications communicated with spring and hibernate.
* Implemented Spring IOC and ORM for injection and database communication.
* MySQL is used as Database and used ant and maven for build and LOG 4j for logging.
* Used SQL/PLSQL for writing queries and stored procedures.
* Assist teams in their application(s) design review, code review and make sure the team follows the recommendations/guidelines.

**Environment:** Java 1.5, Flash, JDBC, SVN, spring, Ant, Maven, Eclipse, Hibernate, JUNIT, Xwork, Tomcat, MYSQL, SOA.

**Software Consultant /Team Lead Feb’ 2007 – Jan’2009**

**Modern Technologies Muscat, Oman**

**Project:** Pay Role / Time Management System

**Responsibilities:**

A enterprise application that addresses the overall employee's time management, pay role & the employee information in the company- Remote Locations, Centralized DB

Lead a team of four developers in the full software development life cycle

**Responsibilities:**

* Analysed business requirements for various domains (Consulting, Education, Freight and Shipping , Auto mobiles, Tourism, Hotel )
* Design the relational logical DB Schema, physical records and SQL queries for Oracle, MS SQL Server
* Developed stored procedures and complex packages using PL/SQL
* Developed some PL/SQL scripts, which will change the server data across the system.
* Optimized and modified triggers, store functions, procedures, user based data type.
* Integrated Hibernate for ORM mapping of application entity classes to the corresponding tables in the DB
* Implement version control to track, compare and undo changes to code across multiple editing sessions.
* Involved in the system integration and business work flow between Time management & Pay Role Systems
* Created dozens of custom reports and queries used for state submittal packages and internal data analysis.
* Debugging the projects of clients to detect design errors such as race conditions.
* Closely worked with new R & D testing algorithms
* Provide training to the field application engineers

**Environment:** Java, CVS (Concurrent Versions System), Toad Data Modeller and MS SQL Server, MS Access, Oracle DB, PL/SQL**.** Design patterns – Connection Pooling, DAO (Data Access Object), Composite, Factory, Command, Façade & Observer

**Software Engineer May’/2006 – Jan’2007**

**Excel Technologies Muscat, Oman**

**Project:** Prime Time / Migration and QA

**Description:** Migration of a legacy VB6 application into new Java Swing desktop application was required. Application interacts with different hardware (Finger Print Readers, Hand Punch) devices. Task was to convert application into .Net, analyse and track the defects in the application as respect to software quality assurance.

**Responsibilities:**

* Reviewed business requirements, IT design documents and prepared test plans for project
* Converted existing VB6 application into Java Swing application and implemented business logic
* Developed Back End of the Collateral module (tables, constraints, views and stored procedures).
* Wrote PL/SQL triggers, procedures, function, packages to provide back end security and data consistency.
* Ensure that all the test case are written and updated in Quality center
* Review tests specifications, cases and performed manual testing.
* Designed and developed the test cases for putting the application on Manual testing
* Defects were tracked, reviewed, analyzed and compared using Quality center

**Environment:** Java, VB 6, MS SQL Server, Oracle PL/SQL,CVS,MS Access, Quality centre , Crystal Reports 7 , Coral Draw, Photoshop

**Oracle Database Administrator Jan’ 2005 – April’ 2006**

**Master Industries , Pakistan**

**Description:** A Database that stores different departments information at one place & makes it available for all the branches around the country

**Responsibilities:**

* 24x7 Production database support
* Involved in Database Design with Data Architects
* Evaluating database products and third party tools for the Project
* Set-up of the database environments for the Dev and QA teams
* Set-up of High Availability of the database for business with RAC
* Worked on the proper configuration and deployment of Oracle RAC and Dataguard
* Implemented procedures for proper patching of the RAC environment, which were utilized by the DBA team
* Involved in migration of the database from Oracle 9i to Oracle 10g
* Reorganizing Tables and Indexes for improving performance
* Created the database objects based on the requirements for project requirement
* Table space analysis, space allocations for tables, roll-back segment monitoring and as member of application development team.
* Implemented complex business rules using database triggers and constraints
* Adding, dropping users, creating Roles, Profiles and Grants based on the Role of the user
* Planned and implemented database Backup on development and preproduction databases
* Implemented Snapshots for remote objects for Reporting team
* Testing of Backup’s and Documenting backup strategies
* Developed stored procedures, packages and database triggers
* Performed Diagnosis & Tuned database and SQL statements as and when required
* Managing Production as well as Development Instances

**Environment:** Oracle Database -10g/9i/8i, Oracle Data Guard, Oracle Enterprise Manager (OEM) ,Toad Data Modeller, Oracle Forms/Reports, Oracle Designer**.** Tools - RMAN, Import / Export, SQL\*Loader, TOAD, TKPROF, EXPLAIN PLAN, STATSPAK