**Anand Gupta**

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**PROFESSIONAL SUMMARY Professional Summary**

* Over **9 years of extensive working experience in Architecture, Design, Development and support of Software applications using JAVA, J2EE and SOA and UML Design Patterns**
* Involved in Project Scoping and Planning of application architecture using complex SOA Architecture
* Involved in Risk Analysis, GAP Analysis to identify architecture gaps
* Extensively involved in SOA Architecture and Data Architecture
* Extensive experience in Internet, client/servertechnologies using **Java, J2EE (JSP, Servlets, JDBC, JNDI, EJB 3.0), XML, XSLT, JAXB, HTML, Java script, Ajax, CSS, JQuery, RMI.**
* Effective communication of Technical solutions to Project Managers and Business Architects to avoid the Solution Architecture gaps
* Excellent project life cycle experience (SDLC) in all aspects of requirements specifications, design, code, test, deploy, maintaining and also have implemented projects in **Waterfall** and **AGILE/SCRUM** methodologies.
* Experience in using messaging standards such as **TIBCO Rendezvous, TIBCO EMS** and JMS for developing distributed applications.
* Configured **EMS** transport and transport objects like Queues, Topics and Bridges and worked in access level control for creating users, groups.
* Implemented base classes, setting up framework classes/configuration files for implementing full-fledged J2EE application using complete set of JAVA SDK and available J2EE APIs.
* Used Server side JavaScript for collected data validations.
* Extensive experience with **BEAWebLogic**&**WebSphere** Application servers and building the applications using **ANT & Maven** tools.
* Expertise in various open source frameworks like in **Struts, Spring, JSF** and **Seam**
* Work experience with J2EE design patterns and Relational database concepts
* Experience in using IDEs **like Eclipse, IBM RAD and Net Beans**.
* Experience in writing **SQL Statements** and **Triggers** for database queries/transactions using **TOAD** and **SQL Developer**.
* Has experience in developing various processes **in TIBCO Business Works** to implement the business logic involved in transactions being implemented. Admin and deployments tasks will be done using the Tibco Administration.
* Designed database model for large scale applications. Created E-R Diagrams.
* Have specialized in designing business components.
* Design applications using **IBM Rational Unified Modeling Language** and diagrams using Microsoft Visio.
* Experience in using integration Technologies like **Web services** - **JAX-RPC & JAX-WS**.
* Experience in working different operating system environments with java in **Windows, UNIX and Linux.**
* Excellent experience in the design, development, and implementation of **Model-View-Controller (MVC)** inculcating with different **J2EE** frameworks and **OODesign Patterns** (Front Controller, Factory, Adapter, and Singleton).
* Experience in **Unit testing using JUnit& Selenium, Integration testing** and generating **Test cases** for web/Java core applications. Involved in preparing and reviewing Testing strategy, Master Test Plans, Integration Test Cases.
* Proficient in continuous integration tools like **Hudson**.
* Proficient in scripting languages like **JavaScript & Shell**.
* Experience to maintain the source using version controlling tools **SVN, Clear case** and **defect management** tool like **Clear Tool & JIRA.**
* Proven aptitude on learning and working on emerging technologies.
* Highly conversant with quality procedures that are followed both at organization level as well as client specific level.
* Effective Communication and Inter-Personal skills.
* Hands on Experience in handling critical Business applications Issues and handling failure recoveries.
* Expertise in troubleshooting **various pre and post implementation Issues**.
* Driven by new challenges and adept at adapting to any cultural and business environments.
* Experienced in **Onsite-Offshore** model.
* Experience in providing technical leadership and mentoring a group of Software Engineers.
* Proven team worker and ability to work as an individual on need.
* Have experience in Quality Management System.

**TECHNICAL SKILLS**

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| Languages | Java, C++, C, SQL |
| Web/App Server | BEA Web Logic 9.2/10.3, IBM WebSphere 6.0, 7.0, Apache Tomcat 6.0/5.5/ 4.1 |
| Web Technologies | J2EE- Servlets, JSP, EJB, XML, JAXB, JDBC, JMS, MQ Series, JUnit, AJAX, Web Services, SOAP, WSDL, HTML,RMI |
| Database | Oracle 8i/9i/10g/11g, MySQL 5.X, MS Access |
| IDE | Eclipse , Net Beans, IBM RAD |
| Frameworks | Hibernate (3.3), JUnit, Spring 3.0, JSF 2.0, Seam |
| Scripting and markup | JavaScript, Shell Scripting |
| Methodology | UML, Design Patterns, AGILE/SCRUM |
| Design Language/Tool | IBM Rational Unified Modeling Language, J2EE Design Patterns |
| Integration Tool | TIBCO Business Works 5.6/5.7, TIBCO Rendezvous (RV) 6.x/7.x/8.x, TIBCO EMS 4.x/5.x, MQ Series |
| Version Control | Perforce, Mercurial, SVN Tortoise and VSS |
| Web-Service Tool | SOAPUI |
| Project Methodologies | Waterfall, & Agile |
| Operating systems | Windows 2000/XP/NT/98/Vista, UNIX, LINUX |

**PROFESSIONAL EXPERIENCE**

**Client: FedEx Services Memphis, TN Nov 12’ – Present**

**Role: Sr. JAVA Developer**

FedEx is the world's largest package delivery company and a leading global provider of specialized transportation and logistics services. FedEx Trade Management Services provides clients with customized assessments regarding complex compliance and administrative issues facing global companies.

iSSO is one of the major and important applications in FedEx Services. iSSO stands for internet Single Sign On. iSSO is the gateway for the clients to enter into the FedEx Services website. iSSO handles and maintains the authentication & authorization using RSA access manager product and keeps him tracked across the site. iSSO phase3 intends to centralize the Identity Management functionalities under one roof for all LOBs. So that customers can be linked up for all the accounts under single on with unique identity and it avoids the multiple time authentications each time customer navigates to different LOB.

TIBCO Enterprise Messaging Service (EMS) was used for communication between this Legacy System and a local Oracle database so that the updated transaction details could be written in to the database.

***Responsibilities:***

* Analysis of business & system requirements including impact analysis on existing systems.
* Responsible in analyzing requirement, prepared Solution Architecture Document (SAD) with Architects to represent Data flow, Architecture Changes, Impacted Systems/services, Context diagram, Use Case diagrams for Login system
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams, LOB, Architects
* Modified various EMS server configuration properties using property files and EMS administration tool.
* Set up the Queues, Topics, Connection Factories and Bridges for TIBCO EMS Server.
* Configured TIBCO EMS Server for Fault tolerance and Load balancing.
* Coordinated with Systems Analysts, Development Leads and Test Leads on various Architecture and design issues
* Worked with project managers, Development leads and test leads to provide the resource requirements and project allocation strategies
* Prepared High Level and Low Level Design document implementing applicable Design Patterns with UML diagrams to depict components, class level details. Reviewed with stakeholders for their review comments and approval.
* Reviewed Master Test Plan, System Integration Plan and System Integration Test cases prepared by testing team and provided comments, approval.
* Design of Internal Admin (Web) Application for managing new login domain using Struts & Spring frameworks.
* Re-design of iSSO web (online) application using Servlets & JSPs.
* Defining responsibilities interfaces for components which maintain iSSO data.
* Creating UML artifacts – Class Diagrams, Sequence Diagrams.
* Application design using standard JAVA design patterns.
* Review of design artifacts.
* Design of SOAP based web services for login, Forgot UN/PWD and all other modules validation using JAX-RPC & JAX-WS. Followed top-down approach.
* Versioning & re-design of existing SOAP based web services for retrieving iSSO data.
* Develop application code in Java 1.4/5.0/6.0.
* Define new Database model and design new application database. Create E-R Diagrams.
* Review developed code using Eclipse and JUnit to identify coding standards & change code accordingly.
* Defects raised during testing phases are analyzed, impacts identified and Root- Cause analysis done on defects/issues in testing or production, fixed/resolved within timelines.
* Create unit test cases and perform Unit Testing for low level business services using JUnit framework.
* Performed as Subject Matter expert during feasibility study of new requirements/changes and provided feedback for implementation.
* Responsible for developing major modules, guiding developers to develop as per design and coding standards.
* Assisted Performance Tuning Team to provide data/SLA information and the Heap memory leakage issue, CPU usage issue are identified and fixed to perform Performance Tuning successfully.
* Managing, coordinating, planning and executing the project.
* Establishing and monitoring processes for Issue Management and Change Management.
* Allocate task to the subordinates and monitor the progress.
* Coordinate with offshore team, onsite team and provide status to clients.
* Establishing and monitoring the processes for quality management and review the same at all stages.
* Tracking and Mitigating the Risks.

**Environnent:** Eclipse, BEA WebLogic 10.3, EJB 3.0, Spring 3.0, JDK 1.6, Webservices, SOAP, UML, J2EE, Oracle 11g, SQL, XML/XSD/XSL, JSON, JavaScript, SVN, Log4j, Servlet, JSP, Maven, Ajax, Hudson, Shell Scripting, UNIX/LINUX, SOAP UI, JUnit

**Client: Comcast Media Center Denver, CO Sep 10’ – Oct 12’**

**Role: Sr. JAVA Developer**

Commodities Fundamental Data (CFD) is a financial based system developed for maintaining the data which is gathered from different data publishers into a centralized repository. Data is published through by these data sources in various formats should as HTML, CSV, XML, XLS etc and made available through a URL. CFD acts a central repository for trade prices and weather data for the end users. Traders at Comcast use these data for various analyses using a separate stand-alone application.

The project used TIBCO EMS as the messaging transport for most of its Enterprise Integration. Common Logging and Monitoring platform is developed as part of Integration Services.

***Responsibilities:***

* Extensively involved in industry best practices of SOA architecture
* Prepared High Level and Low Level Design document implementing applicable Design Patterns with UML diagrams to depict components, class level details. Reviewed with stakeholders for their review comments and approval.
* Responsible in analyzing requirement, prepared Solution Architecture Document (SAD) with Architects to represent Data flow, Architecture Changes, Impacted Systems/services, Context diagram, Use Case diagrams.
* Implemented the SOA web services and associated business modules integration for commodities data.
* Set up the Queues, Topics, Connection Factories and Bridges for TIBCO EMS Server.
* Configured TIBCO EMS Server for Fault tolerance and Load balancing.
* Reviewed Master Test Plan, System Integration Plan and System Integration Test cases prepared by testing team and provided comments, approval.
* Defining responsibilities interfaces for components which maintain commodities data.
* Creating UML artifacts – Class Diagrams, Sequence Diagrams.
* Application design using standard JAVA design patterns.
* Review of design artifacts.
* Used Quartz framework to run the jobs on timely basis.
* Versioning & re-design of existing SOAP based web services (JAX-WS 7 JAX-RPC) for retrieving commodities. Followed top-down approach.
* Developed the application using Eclipse IDE and deployed EAR files on BEA WebLogic.
* Re-design of application data store for storing commodities data and other related information. Create E-R Diagrams.
* Establishing and monitoring processes for Issue Management and Change Management.
* Allocate task to the subordinates and monitor the progress.
* Preparing the metrics for each S/W life cycle.
* Provide status reporting to the senior management.

**Environnent:** Eclipse, BEA WebLogic App Server 9.2, EJB 3.0, Spring 3.0, JDK 1.5, Webservices, SOAP, UML, J2EE, Oracle 9.1, SQL, Quartz, JMS, JSP, ANT 1.6.x, Ajax, Servlet, Shell Scripting, C++, UNIX/LINUX, JIRA, SOAP UI

**Client: Corinthean Colleges, Santa Ana CA Apr 09’ – Aug 10’**

**Role: Sr. JAVA Developer**

Corinthean College developed for maintaining the educational program of different states in the USA. The system will validate the requirement, prices the services, applies a predefined set of business rules. The payment process will evaluate the claims further and pay the providers. The system is very complex with a typical use case base of 30 million for states like California, with few thousands of Providers..

***Responsibilities:***

* Analysis of business & system requirements including impact analysis on existing systems.
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams, LOB, Architects.
* Prepared High Level and Low Level Design document implementing applicable Design Patterns with UML diagrams to depict components, class level details. Reviewed with stakeholders for their review comments and approval.
* Reviewed Master Test Plan, System Integration Plan and System Integration Test cases prepared by testing team and provided comments, approval.
* Responsible in analyzing requirement, prepared Solution Architecture Document (SAD) with Architects to represent Data flow, Architecture Changes, Impacted Systems/services, Context diagram, Use Case diagrams.
* Design of Batch Process for processing vendor data files using IBM Websphere Application Server’s Task Manager Framework.
* Re-design of management web (online) application using Portlets& JSF.
* Defining responsibilities interfaces for components which maintain claims data.
* Creating UML artifacts – Class Diagrams, Sequence Diagrams.
* Review of design artifacts.
* Design of web services (JAX-RPC & JAX-WS) for retrieving vehicle information. Followed top-down approach.
* Define new Database model and design new application database. Create E-R Diagrams.
* Create unit test cases and perform Unit Testing using JUnit framework.
* Performed as Subject Matter expert during feasibility study of new requirements/changes and provided feedback for implementation.
* Effort Estimation for the Project Activities.
* Establishing and monitoring processes for Issue Management and Change Management.
* Allocate task to the subordinates and monitor the progress.
* Coordinate with offshore team, onsite team and provide status to clients.

**Environnent:** IBM RAD, IBM Websphere App Server 7.0, EJB 3.0, Hibernate 2.0, JSF, JDK 1.5, Webservices, SOAP, UML, J2EE, Oracle, PlSQL, XML/XSD/XSL, Servlet, JSP, ANT 1.6.x, Ajax, JMS, Shell Scripting, UNIX/LINUX, Cleartool, SOAP UI.

**Client: T-Mobile Bothell, WA Jan 07’ –Mar 09’**

**Role: Sr.JAVA Developer**

The T-Mobile operators around the world require an application to record and maintain schedules pertaining to their business. Without such system they need to maintain this information on paper and need to enter in different other systems as and when required. This application will provide required functionality to enter, modify and delete the schedule related information for T-Mobile. This application will form a basis for maintaining schedules and will interact with other systems/application to take or feed schedules data.

***Responsibilities:***

* Analysis of business & system requirements including impact analysis on existing systems.
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams, LOB, Architects.
* Responsible in analyzing requirement, prepared Solution Architecture Document (SAD) with Architects to represent Data flow, Architecture Changes, Impacted Systems/services, Context diagram, Use Case diagrams.
* Design of Web Applications using Servlets, JSPs, HTML.
* Creating UML artifacts – Class Diagrams, Sequence Diagrams.
* Application design using standard JAVA design patterns and Seam framework.
* Review of design artifacts.
* Design of SOAP based web services JAX-RPC & JAX-WS for retrieving vehicle information. Followed top-down approach.
* Design of Batch Process for processing vendor data files using WebLogic Application Server’s Task Manager Framework.
* Defects raised during testing phases are analyzed, impacts identified and Root- Cause analysis done on defects/issues in testing or production, fixed/resolved within timelines.
* Create unit test cases and perform Unit Testing using JUnit framework.
* Performed as Subject Matter expert during feasibility study of new requirements/changes and provided feedback for implementation.
* Preparing the metrics for each S/W life cycle.

**Environnent:** Eclipse, Seam, IBM WebLogic App Server 9.2, EJB 3.0, Hibernate 3.3.1, Spring 3.0, JDK 1.5, Webservices, SOAP, UML, J2EE, Oracle 9.1, SQL, XML/XSD/XSL, Servlets, JSP, ANT 1.6.x, Ajax, Shell Scripting, C++, UNIX/LINUX, Log4j, SOAP UI.

**Client: Avaya Tele Services Ltd (ATSL), HYD, India July 05’ –Dec 06’**

**Role:JAVA Programmer**

Web Wizard is a powerful internet and intranet solution that allows you to easily build a community and a great meeting place for all users/visitors of your web site. Here the users will be able to share knowledge, ask questions and exchange their ideas. It is easy to use and administrate, can be used anywhere, at any time through a web browser. You can use both on your intranet or Internet web site.

***Responsibilities:***

* Gather requirements from business team and define system requirements.
* Study of existing systems to extract current business process.
* Analysis of business and system requirements.
* Create business process flow diagrams.
* Identify and design new business components.
* Define new Database model for the application database. Create Entity-Relationship (ER) diagrams.
* Create class diagrams, sequence diagrams for business components.
* Application design using industry standard design patterns.
* Design application flow and presentation using JSP, HTML, Java scripts, C++ and JAVA
* Review design artifacts and developed code
* Involved in Unit and Integration Testing
* Outlined the testing process of the application as it is a new one.
* Effort Estimation for the Project Activities.
* Managing, coordinating, planning and executing the project.
* Establishing and monitoring processes for Issue Management and Change Management.

**Environment:** Java 1.5, JSP, Servlet, MS Visio, Oracle 10g, Eclipse, Hibernate, IBM WebSphere Application Server, Web services, JUnit, SOAPUI, JavaScript, SHELL scripting, SQL, C++, JUnit, Log4j, CSS, SVN, Unix.

**EDUCATIONAL BACKGROUND**

* Bachelor of Technology INDIA

**References: Provided upon request….**