

**Gaurav Tapadkar gaurav.tkar@gmail.com**

**Summary**

* Around 7 years of working experience in all phases of software application design and development.
* Extensive experience in designing, developing and implementation of enterprise applications using Java/J2EE technologies.
* Worked in multiple locations (India, US, Mexico) and have experience in team building and team management.
* Very good understanding of **Object Oriented Design (OOD), J2EE Design Patterns, Struts**, **Core Java,** multi-tier architectures and distributed architectures.
* **Extensive experience in implementing MVC architecture using Struts framework.**
* Extensive experience with Java/J2EE using most of the advanced features **including Hibernate, Spring framework, JSP, Servlets, Struts, JQuery, Java Beans**, **Core Java (Collections, Garbage collection, JDBC, Exception handling)**
* Experience in setting the server level configuration (**Apache,** **Tomcat**) and debugging application level problems.
* Extensive experience in using various technologies like **XML, XSLT, XPATH, AJAX, CSS**.
* Expertise in **Object Oriented Analysis & Design**following **UML methodologies** and developed multi-tiered object-oriented system designs utilizing **UML diagrams.**
* Experience in working with all aspects of Software Development Life Cycle **(SDLC)**.
* Extensive experience in developing software applications for **Media** and **Knowledge management** domain.
* Experience in working in **PL/SQL** and writing complex queries and stored procedures.
* Experience in providing logging support using log4j.
* Strong ability to prepare technical and functional specifications using UML diagrams.
* Experience in Preparation of design specifications and implementation of change requests.
* Experience in conducting trainings and knowledge sharing sessions.
* Good experience in building and managing Onsite/Offshore team.
* Experience in writing the Shell/Perl scripts, cron jobs.
* Experience in working on different open source Job Schedulers.
* Strong understanding in working with Oracle 9i and good understanding of the database concepts and query optimization.
* Experience in using content management tool Teamsite and SVN.
* Solid **Management skills,** demonstrated proficiency in leading and mentoring individuals to maximize productivity and forming cohesive team environment.
* Excellent Technical, **Communication** **and Interpersonal Skills** with strong **Customer Orientation and Client Interfacing** Skills.
* A self-motivated professional and natural communicator possessing good technical, initiating, leadership and problem-solving skills and has proven to be a good team player.
* Very quick learner and a proactive individual with excellent communication and strong analytical skills.

**EDUCATION & CERTIFICATIONS**

Bachelor of Engineering (**B.E.** – **Computer Science).**

* Sun Certified Java Programmer (**SCJP**).
* Oracle PL/SQL developer (**IZO-007**).
* **Six Sigma** **GB** (Green Belt certification).

**CERTIFICATIONS AND ACHIEVEMENTS**

* Received **GEMS** Award **four** **times** for receiving customer appreciation and achieving customer delight while working.
* Received Client and Customer appreciation while working with project for **GE (General Electric)** and **CNBC (Cable News and Business Channel)** for excellent contribution to work.
* Completed **Software Engineering training** in Tata Consultancy Services Limited.
* Received the Best Team Award twice while working with Customer Relationship.
* Have undergone multiple trainings about team management, Team alignment and project leads.
* Won National Level IT Quiz Competition (Inter College Technical Festival).

**TECHNICAL EXPERTISE**

Operating Systems: Windows NT/2000/XP, Unix/Linux.

Languages & APIs: Core Java (Collections framework, Garbage collection, JDBC, Exception Handling) and J2EE technologies, JSP, Servlet, MVC, Struts2, Hibernate, Spring, JQuery, Design patterns, XML, XSLT, XPATH, AJAX, JavaScript, HTML, CSS, Shell script, SQL, Data Structures, log4j, ASP

Web and

Application Servers: Apache Tomcat 5.5/6.x., JBOSS 3.0, IIS 6/7

Design Tools: UML

IDE: Eclipse 3.x/2.x

Development Tools: Secured CRT, Putty, Visio, PSPad, Star UML ArgoUML, PL/SQL, Interwoven Teamsite, SVN, WinSCP

Databases: Oracle 9i, Oracle 10g

**PROFESSIONAL EXPERIENCE**

**CNBC (Consumer News and Business Channel) Sept 2009 – Current**

## Sr. Java/J2ee Tech lead.

Location: - India, USA and Mexico

##### Project description: -

CNBC has both on-air channel and dot com applications for the users. This project includes developing new features in media and entertainment domain and maintaining the already built applications. This Project deals with implementing user friendly and innovative features for the end users.

CNBC gets market data from different vendors as well as from different exchanges (e.g. NASDAQ, NYSE, AMEX) etc. Once raw data is received CNBC does massaging and formatting on this data as per the usage and stores the information in different databases for Dot com and On-air.CNBC applications show the live ticks, fundamental data, charts (market data) for different quote symbols by broadcasting it on CNBC site/CNBC on-air news channel.

CNBC manages different in house tools for data massaging and monitoring the health of the applications. CNBC has setup the monitoring environment with different tools available. (Sitescope, Zabbix, Open source schedulers) which helps in notifying the concerned teams in case of any issues. CNBC also deals with interaction with different vendors (Doubleclick, Platform, Apple, Microsoft, Wall Street on Demand, Aquired Media, E\*TRADE, Seeking Alpha, Schwab, Think or Swim, Bit-Gravity, Yahoo etc) to send CNBC contents (Live stream, Video on demand, News etc) to them and also get data from them.

CNBC leverages different products to the partners by developing user-friendly applications depending on customer requirements.

**Environment:** - UNIX, Core Java1.5 (Collection APIs, Exception handling, JVM, JDBC, Interfaces, Abstract classes etc), Struts2 framework, Hibernate, Spring DAO, JSP, Servlets, AJAX, JavaScript, XML, XSLT, jQuery, XPATH, HTML, CSS, Oracle 9i, Tomcat 5.5/6.x

**Responsibilities: -**

* Working as a lead developer (backend) and also some parts of front end for managing and developing CNBC On-air and Dot Com applications.
* Designing the architecture of the application and implementing the business requirements in the code.
* Managing the Offshore and Nearshore team.
* Involved in Low Level System and Component Design (Sequence diagram, Class diagram, Activity diagram, Component diagram) using UML.
* Primary responsibility includes developing new features as per the requirement using Java/J2EE technologies and enhancing the existing functionalities.
* Involved in Resource identification and work allocation (Team management).
* Discussion with Technical leads and Architects about the new features and analyzing it from the end users perspective.
* Helping product team in building different products (CNBC Pro) and Contests (Million Dollar Contest). Also developing applications like most popular and cnbc comments.
* Automating the manual stuff involved in the process and making the systems reliable. Automated different reporting in the project.
* Interacting with different vendors/new partners (for ad, charts, news, live streams and video feeds) to leverage CNBC contents to them as well as getting their contents in CNBC applications.
* Discussions and brainstorming in the stand-up meetings with the other developers.
* Consolidating the details for the outages and work on it for fixing and mitigating the problems.
* Responsible for the design and development of different applications.
* Building Web pages are using **AJAX**, **HTML**, **JSP**, **XML** and **CSS**.
* Used Java Collections like ArrayList and HashMap.
* Developed many in house tools to get the live and historical market data from different exchanges.
* To increase the web pages interactivity, speed, functionality and usability, AJAX was used to exchange small amounts of data with the server “behind the scenes” so that entire web pages do not have to be reloaded each time there is a need to fetch data from the server.
* Developed Java Scripts required for the application.
* Implemented MVC architecture and used Struts 2 Interceptors, Actions Classes and Hibernate mappings, Spring DAO.
* Used logging support using log4j.
* Involved in Use case Reviews, Design Reviews and Code Reviews.

**GE (General Electric) Jan 2008 – Aug 2009**

## **Sr. Java/J2ee Team lead.**

##### Project description:

SupportCentral is GE’s premier global solutions and knowledge management platform. It provides a framework for virtually anyone to store, find, create, and share valuable business knowledge.SupportCentral enables sharing of best practices such as tools, templates, instructions, guidelines, and policies. It also provides a central location to house information, forms, and issue resolution tool for an audience.

This project consists of different modules, which are interdependent, and provides many exciting features. E.g. GE Connect provides a social networking functionality in the business environment. Features like Workflows, Dataforms, Community, Blog, Forum, RSS, Surveys, Quiz, and Polls provides latest features for managing day-to-day business needs.

SupportCentral is leveraged as a product which most of the companies outside GE are using it. SupportCentral has Marketing and product team, which takes care of new vendors and takes care of implementation.

In short it is a one-stop solution for all the GE business related needs.

**Environment:** - Core Java1.5 (Threading, Collection APIs, Concurrency, JVM), Struts2, JSP, Servlets, Hibernate, Spring core, Core Java, AJAX, JavaScript, XML, XSLT, HTML, CSS, Oracle 9i, Tomcat 5.5/6.x

**Responsibilities: -**

Working in SupportCentral primarily on Core Java and J2EE Technologies

* Working on the web 2.0 technologies like Blog, Forum, RSS, Communities and libraries (online portal for document management).
* Migrating legacy ASP applications to Java platform.
* Primary responsibility is to develop and maintain these modules.
* Analyzed project requirements and suggested/demonstrated technical solutions to certain projects as per business needs.
* Estimated the overall effort (development as well as testing) required in implementing out a new enhancement.
* Resolved issues through customer interaction or bug fixes in the code.
* Trained and Mentored new members and about different technologies.
* The work comprised of mentoring, estimation, and customization of business solutions.
* Helped QA Team in building Test Case/data preparation, execution and verification of the test results.
* Analyzed the requirements and developed detailed specifications. The task includes talking to key users and offering the rapid solutions to their queries.
* Used J2EE technologies like **Hibernate**, **Spring**, **JSP**, **Servlets**, **Struts2** and **AJAX**, **HTML**, **CSS**, **XML**, **XSL** in developing the new applications.
* Extensively worked on **java.util package** for java Collection objects.
* Implemented Filters in servlets to calculate number of users accessing the system.
* Created multiple **abstract classes and interfaces** to abstract the underlined details from end user.
* Used ArrayList, Hasmap extensively in Java.
* Used Hibernate for Object Relational Mapping.
* Developed Data Access Objects (DAO’s) for easy data access.
* Involved in Spring 2.0 framework implementation of Inversion of Control, AOP.
* Developed Data Access Objects using JDBC and Hibernate for business layer.
* Used logging support using log4j.
* Created the Stored Procedures using PL/SQL.
* Identified potential bottlenecks and re-designed components to achieve better performance.
* Participated in Architecture Review meetings along with the System Architect and helped in resolving architectural issues and developed performance benchmarks.
* Participated in code reviews and code walkthroughs to identify and achieve performance improvements.
* Created configuration files necessary for deploying the application in different environments.
* Actively involved in writing complex queries and SQL stored procedures.

**ABN AMRO Folders and Libraries Jun 2007 –Dec 2007**

## **Sr. Java developer**

##### Project description: -

Folder and Libraries is online document management portal for storing, collaborating and managing all the business related information. It has role based access level and it helps in maintaining the integrity of the information. In Libraries set of users are given access to a common portal for managing information, A facilitator can provide a role based access for different users. Single user can create multiple Libraries depending on the requirement. A Folder is more personalized version of Libraries in which user can create a personal space and store the critical information. This tool provides various user friendly features such as adding new documents, updating existing documents, managing document access level (Read/write/full access), notifying users about the new activity in their portal and information about existing documents. It also deals with managing the old documents by taking an appropriate action based on the various options set by the owner of the document. It also allows multiple users to manage the portal at a same time.

**Environment:** - Java (Classes, Interfaces and Collections), and J2EE (Struts 1.2, Hibernate), Rational Rose (Relational and UML modeling), JSP, Servlets, Java Beans, AJAX, JavaScript, XML, XSLT, HTML, CSS, Oracle 9i, Tomcat 5.5/JBoss

**Responsibilities: -**

* Worked as a **Module Leader** and involved in requirements gathering and design.
* Worked extensively with the client to provide the business solutions and requirement analysis.
* Used Struts, Hibernate to develop the project based on MVC framework.
* Developed JSP pages, form beans, action classes and bean classes.
* In compliance with Software development life cycle (SDLC), was responsible for creating Functional Specification and System Design documents based on Business Requirement provided by business analyst.
* Created the UML 2.0 diagrams and developed the application.
* Created JSP. JSTL, CSS files for front-end.
* Created different action classes and mapping.
* Implemented AJAX functionality to update the small components without refreshing whole page.
* Implemented CSS Sprites for reducing the total load time for the page.
* Used Java Script on front end side for various features.
* Used Hibernate for development of DAO layer.
* Developed unit test cases for the service as well as DAO layer.
* Used **Classes, Interfaces and Collections** from Core Java
* Used Log4J components for logging. Perform daily monitoring of log files and resolve issues.
* Enhanced the existing application based on the design and requirement document.
* Involved in Unit Testing, Various types of code reviews, Debugging, Performance Tuning, Bug fixing and documentation of the overall system.
* Consistently met deadlines and exceeded expectations achieving recognition, resulting in increases in responsibilities.
* Supported the enhancement until the release
* Involved in Peer-to-Peer Code Review, Unit Testing and Bug Fixing.

As a **Module Leader** I have leaded 5 project trainees.

**Marks & Spencer Jan 2006 - May 2007**

## Support and Maintenance

This project is a web based application meant to help the company’s management team to manage the inventory in their different commodities like food, fashion & home ideas sold throughout their outlets in UK. It offers functionalities for managing Inventory, advanced search, and orders placed by different outlets, past orders by company, reserve and new order etc. The application is a repository for getting all the information related to the product inventory. There is a functionality to notify people involved in case quantity for any product goes below the threshold. Authenticating the logged in users depending on their role in the organization and giving them required access.

It provides an option to add a new commodity or extend the features for already added commodity. It also managing the interaction between different sub modules which are interdependent.

**Environment:** - CoreJava (Collection APIs, Concurrency, JVM, Garbage Collection, Exception handling), Servlet, JSP, Hibernate, Spring, AJAX, JavaScript, XML, XSLT, HTML, CSS, Oracle 9i, Linux, Tomcat 5.5

**Responsibilities: -**

* Involved in understanding all the applications flow and structure.
* Worked closely with the customers, developers and product owners to provide the business solutions and requirement analysis.
* Requirements gathering, Analysis of existing applications.
* Participated in design/architecture of new solution and coordinated walkthrough’s with team.
* Analyzed failure scenarios in the application and have setup monitoring by writing the scripts.
* Compiling all the issues and giving proper handover to team.
* Analyzed the recurrent issues and proposed solution for the same.
* Tracked of all the existing issues and developed a content repository for tracking purpose.
* Creating different workflow and data forms for storing project data.
* Identified each module and their components, design user interfaces and process flow.
* Automated the manual processes involved in project.
* Built the front end screens for internal applications and implementing business logic as per the specifications.
* Used core java features like **Collections, Classes, and exception handling**.
* Documented the application functionalities in Support Wiki.