Sushant Banugariya

Sr. Software Engineer

# Synopsis

* 2 Years and 11 Months of experience, currently working as a Software Engineer at TatvaSoft
* Hands-on experience with Windows and Web based technologies (JSP, FreeMarker, Servlet, Java-script, XML, HTML, Ajax), Frameworks (Struts, Spring, Hibernate) Web servers (Tomcat, JBOSS), database (My SQL, Oracle) and reporting tools (iReport)
* Skilled in handling multiple projects and ensuring delivery of each projects within the time & cost parameters
* Experienced in various domain applications like Healthcare Management system, Correspondence Management System etc.
* An effective communicator with exceptional relationship management skills with ability to relate to people at any level of business and management
* Hand on Experienced in Scrum process.
* Experienced with Agile Methodology as a part of SDLC.
* Work and successfully delivered 5 + development projects and maintenance

# Project Experience

1. **Project Name:** Online Education System

**Responsibilities:** Requirement gathering, Analysis and Application development of the system

**Project Description:** This project was developed for the distance learning for the students who can register their self for an online test and check their skills and ability by giving test exam for the selected courses and they can also watch, read and download the materials from the site.

Features of these applications are as mentioned below:

Application is divided into two module i.e. Admin and end-user

Admin Module:

* User Management
* Course Management
* Question Management
* Test Management and test level management
* Multi Language support

User Module:

* Manage profile
* Attain test
* View Score
* View reports according to different criteria

**Technology:** Framework: Spring, Hibernate, JQuery, Database: MySQL, Server: Tomcat, Reporting Tool: iReport

1. **Project Name:** Correspondence Management System

**Responsibilities:** System Analysis and architecture, Database design, Team Management, development of core functionality

**Project Description:** CMS will be based on service oriented architecture (SOA) to give flexibility to other systems and client applications like, office and mobile applications (I-Phone and I-Pad) to integrate and communicate with it.

There will be two types of correspondences that will be managed by the system, incoming correspondence and outgoing correspondence. CMS also provide document repository, process management system using process management tools, Multilingual Support, Interaction with third party application using web service.

Following are major features/module of the system:

* Document management.
* Application Flow Management
* Repository Management
* Multilanguage support
* Reporting and analytical tool to review and analyze statistics
* Role and User Management.
* Department structure management

**Technology:** Framework: Spring, Hibernate, Spring Web Services, Database: Oracle, Server: Tomcat, Reporting Tool: iReport, Docx4J

1. **Project Name**: Facility Booking Management

**Responsibilities:** Requirement gathering, System Analysis and architecture, Application implementation, Project management

**Project Description:** The Facility Booking System is a web based application, which allows registered client to manage bookings for facility on basis of category and Interaction with third party application using web services.

Following are major features/module of the system:

Application is divided into two modules i.e. Admin Module and End-user Module.

Admin Module:

* Add category information
* Add Facility information on the basis of category
* Set Reason information
* Set Booking Blackout For Particular Reason
* Book the facility on behalf of user

End-user Module:

* Registered Client will have permission to book the facility
* Registered Client can also view Booked information
* Registered Client can get Reports of Booking information

**Technology:** Framework: Spring, Hibernate, JQuery, Spring Web Services, Database: MySQL, Server: Tomcat

1. **Project Name**: Healthcare Management System

**Responsibilities:** Involved in Requirement gathering, Analysis and Application development of the system

**Project Description:** Healthcare Management System is a robust facilities management system that provides solutions for healthcare facilities safety, monitoring and management for all the assets, patients and all equipment and it actually works for security purpose and patient’s health monitoring so the patient can get more help from the Hospital Management System.

This application can help you for medical facility extend asset life, track maintenance costs, prevent and predict equipment failures, improve labor productivity, reduce costly downtimes, minimize investments in inventory, and lower the total cost of maintenance.

The Healthcare Management System also tracking the assets and patients using map and Reader device is working to capture the different frequencies using those frequencies the devices are responsible for generating the notifications or alarm event and on the basis of that event and notification the map will locate the assets and patients for monitoring purpose.

Following are the major features/module of the system:

* Administration and Environment
* User Management
* System Activity Reports and Bill Processing
* Staff/Employee, Residents, Device, Assets and Alarm Management
* Notification Subscription using E-mail functionality
* Reader Device and Badge Monitoring/Tracking using location processing logic
* Maps Management for Residents
* Staff, Assets and Medical Equipment Monitoring

**Technology:** Core Java, JSP, FreeMarker, Servlet, JPA, XML, Ajax, JQuery plugins, Tools: IBM RAD, SVN, JIRA, Database: MySQL, Server: WAS

1. **Project Name**: Supervisor – Web Services

**Responsibilities**: Coding, Application deployment, Code Performance Enhancement, Database management.

**Project Description**: The project was about to create web services for complex database operations using Apache Axis and integration with IBM Web Sphere application server. We have implemented token based authorization for web service calls and put functionality in services for technical errors during web service execution and error report to client etc.

**Technology**: Java, Apache Axis, Oracle XE, IBM Web Sphere, Hibernate

1. **Project Name:** Poker Game Development

**Responsibilities:** System Analysis and development of core functionality

**Project Description:** Kings poker is implementation of Open source Cubeia poker project. We have done new features implementation in that. We have implement new features like Waiting list implementation for game table, Tournament scheduling, manual seat selection, exposing private cards functionality, Table layout changes, Server distribution license check, User profile etc. Improved game playing functionality by modifying existing features effectively. Implemented partially stable version of poker.

**Technology:** Framework: Spring 3.0, JPA 2.0, Apache Wicket, Database: MySQL,MongoDB Server: Jetty & Firebase, Tools: Eclipse, Maven, Git

# Software Skills

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| **Web Servers:** | Apache Tomcat, JBOSS basic |
| **Databases:** | MySQL, Oracle, MongoDB, PostGreSQL, MS Access |
| **Programming Languages:** | Java , J2EE |
| **Frameworks:** | Struts, Spring(2.5 & 3.x), Spring MVC, Hibernate |
| **UI Technology** | JSP, FreeMarker |
| **Operating System:** | Windows |
| **Technologies and Tools** | HTML, XML,AJAX, jQuery, Web Services, iReport, Docx4j, Maven |