



# Badal Singh

## Technology Analyst - US

### Personal Info

Address: 1770 Adelaide street, apt 218, Concord C.A. 94520

Email: [badal1443@gmail.com](mailto:badal1443@gmail.com)

Phone: (510)- 967-8910

### Professional profile

Close to 6 years of IT experience, have versatile experience in Java, .net development and production support while working as part of release management team for leading investment firm and Bank. Have gone through almost all phases of software lifecycle except for testing. Excellent Analytical and problem solving skills, Expertise in Object-Oriented software engineering methodologies, Object-Oriented Analysis and Design, the full Software Development Life Cycle (SDLC). Strong commitment towards goal achievement through consistent improvement in technical, analytical and logical enhancements.

### Work Experience

#### Technology Analyst – US

Infosys Limited, Full time

April 2011 - PRESENT

- Responsible for leading offshore (Indian) team of 12 engineers from Client location.
- Working closely with Client, and Customer teams to get process in place and keep the quality service available to customers.
- Responsible for build/code deployments to various UAT and PROD servers/platforms after signoff from development and testing.
- Closely work with Development, Middleware and other teams to rectify deployment issues.
- Experience with SCM tools like Perforce/subversion/VSS/IBM Clear Case.
- Deployment of war builds to tomcat and ear builds to Weblogic or WebSphere app servers working on various DEV/UAT/QA and PROD servers running in Unix/Linux machines
- Follow SLAs on rectifying UAT/PROD deploy issues.
- Worked on tools like JIRA and BMC Remedy for Incident and problem/change management.
- Other tools used for application release used were Perforce, Putty, ubuild, udeploy, Jenkins etc.

## Senior Software developer

June 2008 – April 2011

Inteq infocom Solutions Pvt Limited, Full time

- Development of various desktop and background applications.
- Desktop application development in vb.net.
- Desktop application development in Java (AWT and Swings)
- Multithreaded application in Java, using java collections concurrent API.
- Database development using MYSQL and SQL server 2005-08.
- Exposure of working in on various IDEs like Eclipse, NetBeans, Visual Studio etc.

---

### Technical Expertise

- Languages: JAVA (Core, Swings, AWT, Multi-Threading), Vb.net.
- Technologies: J2EE (JSP, Servlets), XML, Asp.net, HTML.
- Scripting Languages: JavaScript.
- Framework: .Net Framework 3.5, MVC.
- IDE: Eclipse-3.x, NetBeans, Visual Studio.
- Tools Known: VSS, SVN, JIRA, Jenkins/Hudson
- Database: My-Sql, MS-Sql server 2005.
- Operating System: Windows.
- SCM Tools: subversion, Perforce, VSS etc.
- Development Process: SDLC, V-Model, Waterfall Model, Scrum.

---

### Projects

#### Application Software Control – Release Management (Infosys):

Software Used: JIRA Tool. Windows SharePoint, uDeploy/uRelease, Jenkins.

Operating System: Windows XP, Unix/Linux,

Role: Technology Analyst - US.

Client: Bank of America (U.S.A).

**Project Description:** Lead the team of 12 Software Engineers to support Release management project in company. Working closely with Development, Change Management, Middleware, Linux administration and Environment oversight teams to deploy various builds provided by Build engineering and application development teams to Tomcat, Websphere/Weblogic and JBOss servers, using automated tools like uDeploy and uRelease.

For few of the applications we need to merge code from Perforce branches to another deployment branch , build the code using Cruise Control tool, and stage them using linux commands , change the permissions of the builds on staging locations and run the Bladelogic jobs to execute the deployment.

In case of failed deployments we need to identify the errors and have to work with various teams at different levels such as L2 Engineering team, or Middleware Websphere team for any Bladelogic or Websphere related issues.

For all Issues and requests managements we use JIRA as Incident and Requests management tool, I am also responsible to enforce SLA for all requests/Incidents, Prioritize and escalate the issues, Work in very narrow window to rectify issues and

make builds available for testing in UAT and PT environments and lately take them to provide with an approved RFC.

---

### **Application Release Management (Infosys):**

Software Used: BMC Remedy, Clear Case, Lotus Notes. Windows SharePoint.

Operating System: Windows XP, Unix.

Role: Senior Systems Engineer and Technology Analyst.

Client: Capital Group of Companies (U.S.A).

**Project Description:** Release Coordinator for leading Investment Management Firm at California, USA. The work involved managing all aspects of the end to end release process. My responsibilities include timely deployments of code in UAT and PROD environments using different release management tools( like IBM Clear Case, BMC Remedy, Clear Quest ,Autosys console ,Oracle SQL+ and SharePoint),execution of various scheduled tasks in UAT and PROD environments, coordinating with different teams ( like Development teams ,Database support, UNIX Support and Middleware teams) for technical issues and change management activities , to resolve operational issues quickly during an initial period after Release deployment, to remove any remaining errors or deficiencies and to formally close a Release after verifying activity logs and CMS contents are up to date.

---

### **Admin Client(Inteq Infocom solutions pvt ltd)**

Languages Used: Java (Core, Swings, Multi-Threading, Collection Framework), J2EE (JSP, EJB), HTML, Http protocol, JNLP.

RDBMS: My-Sql-5.0.

Role: Java Developer.

Tools Used: Eclipse-3.2, VSS, Antlr, mentis.

Client: Boschung mechatronics, Switzerland.

Operating System: VMware 2003 Server/Linux/Windows.

**Project Description:**

This project was the complete Solution for maintaining various real time objects in the Airport, Roads and Highways, Cities and countries and was built for the Boschung Mecatronic AG Company based in Switzerland. It includes all the modules for a marinating the roads, airport, cities. Following are the Modules:-

- 1) **Admin Client configuration:-**This module is just xml editor in which user can configure the data for station, sensors, forecast, center, vehicle and equipment and also category of vehicles which are located in particular area in the Country/State/ District region. After saving the data to ISSystem, the name given to particular station, forecast, center, vehicle, equipment will be displayed under hierarchy tree as nodes. User can also modify saved data according to his requirement or weather conditions.
- 2) **Admin Client Signal and Messaging configuration:-**In Ac-SAM, user can create station rule, system rule, vehicle rule, weather report, weather forecast rule's condition

based on weather for particular area under configured station, center, and vehicle, Country, State, District. Based on these above ruleuser can also create Alarm and then Alarm further will be used in Scenario. All these data are stored on ISSystem as blobs and used in further module such as SAM.

---

### **Signaling and Alerting Module(Inteq Infocom Solutions Pvt Ltd):**

Software Used: Java (Core, JMX, Multi-Threading, Collection Framework), JConsole.  
RDBMS: My-Sql-5.0.  
Role: Senior Java Developer.  
Client: A Microelectronics company, Switzerland  
Tools Used: Eclipse-3.4, SVN, Drools Rule Engine, Antlr.  
Operating System: Linux/Windows.

#### **Project Description:**

SAM is the module of MDSS project which also includes Admin Client module, GPRS module. SAM's designed and working is based on Admin Client configuration, rules stored on IS through Admin client and operates on Real Time Environment based on IS System configuration. SAM Monitors the road infrastructure condition upon the feed of real time sensors and weather forecasts and evaluate result on the basis of AC Rules. SAM Mainly consist of eight major modules Communication Module, Rule Transformer Module, Data Manager Module, Rule Engine Manager, Signalizer, Escalation Manager, Controller and Logger, Configuration, Persistence.

SAM's WorkFlow:- In this module, all the AC rules and real time data from GPRS are taken from ISSystem through Communication and then all of this AC Rule send to Rule transformer and live data will be send to Data Manager. RT will convert all the rule in compatible format for drools rule engine with the help of Antler. Data manager will takes all live data from comm. And then check and discard data based on Rules requirements, DM will subscribe data with listener through comm from IS whenever it needs according to requirements of REM module and DM will send all of the Required data to REM. REM will get all transformed drools compatible grammar from RT, which can evaluate with real time data coming from data manager and then result after evaluation will be send to signalizer and Signalizer will check for true/false condition and then go for escalation for sending the signal and generating the alarm, Escalation will check further escalation based on all Scenario, which are having weekly schedule, its state, users info, number of levels, Alarm rule etc.

---

### **eAnchor(Inteq Infocom Solutions Pvt Ltd):**

Software Used: VB.net, .net framework 2.0-3.5  
RDBMS: Sql Server 2005.  
Role: Senior Developer.  
Tools Used: Visual studio 2008, SVN.  
Client: A Shipping goods company, Singapore.  
Operating System: Windows XP, Windows Vista, Windows 7.

Project Description: This is a window Based Project, The Company deals in the shipping related goods. They export the self-configured products as well as export the items which Company has directly purchased. They maintain their warehouse. The entire project is based on the same scenario. The modules of project are Sales, Purchasing, Operations, Accounts, Warehouse Contact Management, Asset Management, System Admin, Reports. We have used Microsoft Reporting Services for showing reports.

---

## *Education*

**Bachelors of Engineering (4 Years Full Time) from Chandigarh college of engineering , Panjab University .**

Stream: Computer Science & engineering.

Place: Chandigarh, India.

Grade: 67.7%.

University: Panjab University.

Duration: June 2004 – May 2008 (Full time).

---

## *Achievements & Certifications*

**Insta Excellence Award for Best Performance – Infosys (2013).**

IMS ITIL Problem and Change Management (Process Oriented).

IMS ITIL Release and Config Management (Process Oriented).

IMS ITIL Service Desk and Incident Management (Process Oriented).

FDN-CM101-DB - Securities- Overview (Domain Oriented).

*Signature*

*Badal Singh*

*Place*

*Concord, CA*