

TEJ SINGH

TECH LEAD

Achievement-driven professional, targeting senior assignments in Software Development/ Architecture with an organization of high repute



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Key Skills

Software(Java)Design &Development

Design & Technical Architecture

Project Execution

Client/ Stakeholder Management

Application Support & Maintenance

Requirement Gathering

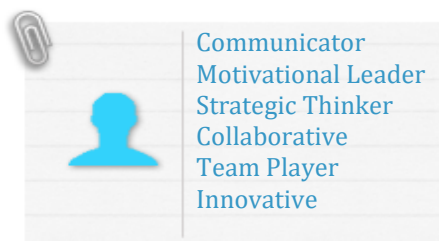
Coding & Testing

Product Implementation & Deployment

Performance Tuning

Team Building & Leadership

Soft Skills



IT Skills

- GUI:** JSP, HTML,CSS & XSLT
- Languages:** Java, C/C++, XML, JS, PL/SQL.
- Databases:** Oracle, DB2 & MySQL.
- Web/Application Servers:** WebLogic, Web Sphere, Jboss & Apache Tomcat.
- Frameworks:** Struts, Spring, Spring Boot, JSF and Hibernate.
- JMS Provider:** Websphere MQ, Apache Active MQ, Weblogic, Websphere Application Server.
- Web Services:** JAX-RPC, JAX-WS, JAX-RS (SOAP/REST).
- Tools:** ANT, Maven, Jenkins, SonarQube, Kafka, SOAP UI, Gradle, GIT, Crystal Report Designer, JIRA.
- Development Methodologies:** Waterfall Model, and Agile Methodologies

Profile Summary

- A competent professional offering **13 years** of experience in developing successful high quality distributed object-oriented software systems requiring high performance, scalability, and short response times.
- Experience of Banking domain , Telecom domain and Retail domain.
- Experience of working with international & national clients (US Banking,Bharti Airtel, Autoquake, Specsavers and Collyer India).
- Experienced in Managing large scale dynamic web **applications** including Analysis, Design, Development, Build, Deployment, Re-Engineering, Coding and performance tuning N-tier system using J2EE technologies (J2SE 1.8,JDBC, Servlets, Java Beans, JSP, EJB, XML, Struts, Spring, Spring Boot, Hibernate, Web Services ,Java Message Service and Enterprise Application Integration).
- Experience in Design (using **J2EE design patterns**), software development, integration, and preparing document, writing (SRS, HLD, LLD), and coding, preparing test and in back-ends like Oracle (9i, 10g, 11g, 12c), DB2, and MySQL.
- Capable of steering project planning & implementation** from scope management to activity sequencing in coordination with the business & stakeholders
- Rendered support to senior management in devising strategies**, objectives, vision & roadmap in the areas of technical/ solution architecture to enable growth & business agility
- Successfully worked on **Payment Processing** using SWIFT Messages, Fedwire Format, Cheque Payments, Positive Pay and CHIPS Payments
- Reliable, hardworking, self-motivated**, able to work independently or as a team member with the ability to met deadlines.

Education

- ACADEMICS**
- B.E.** (Computer Science and Egg) from S.R.M.S CET, Bareilly (Uttar Pradesh).
- CERTIFICATIONS**
- Sun Certified Java Programmer with 91%
- Sun Certified Web Component Developer with 95%
- CDAC(Computer Diploma in Advanced Computing)(2002)

Work Experience

Duration	Organization	Designation
Aug' 16 – till now	FIS, Gurgaon	Senior Technical Lead
Oct' 10 – July' 16	IBM India Pvt. Ltd. (Gurgaon)	Technical Lead
Dec' 09 – Oct' 10	HCL Comnet Ltd. (Chennai)	Sr. Specialist Systems
Mar '08 – Dec '09	JK Technosoft Ltd. (Noida)	Sr. Software Engineer

TEACHING EXPERIENCE

- Sr. Lecturer in I.E.T Lucknow (U.P) from Jan 2002 to Jan 2008.
- Counselor in IGNOU, I.E.T Lucknow (U.P) from Jan 2002 to Jan 2008.

Key Result Areas:

- Managing Application Development Lifecycle right from requirement analysis, documentation (functional specifications, technical design), coding and testing
- Implementing methodology involving developing comprehensive test plans, tracking activities and assuring overall quality including functionality, performance & scalability
- Defining design, architecture and other technology directions for implementation
- Mapping business requirements and providing customized solutions involving finalization of product specifications and selection of appropriate techniques
- Spearheading client/ user/ partner interaction for requirement gathering, risk assessment, finalization of technical specifications and discussions for effort/ cost/ time estimation and client co-ordination and reporting
- Rendering technical support in the design and development of application, defining networking solutions; assisting in the development of new systems & enhancing existing systems based on customer requirements
- Preparing technical specifications according to business needs; suggesting improvements to existing system designs
- Interacting with team members to ensure smooth progress of project work; ensuring adherence to quality norms throughout the implementation process

Highlights:

- Recovered a project in trouble through measures such as Security Vulnerability Remediation e.g. XSS, CSRF, SQL Injections, Restrict URL Access, Security Misconfiguration-Click Jacking and Open Redirect & Forward in the application and by performing performance tuning of the application
- Successfully completed delayed projects essential for operational efficiency by identifying and solving complex technical problems using interdisciplinary teams; restricted the schedule delay to 100%
- Migration of eWire Application to new Technology stack(Spring Boot, Microservices, Angular, IBM Websphere MQ, and WebSphere Application Server).



Personal Details

Date of Birth: 07th Jan 1977
Languages Known: English & Hindi
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~Refer Annexure for Major Projects~

ANNEXURE PROJECTS

Organization: (FIS) Fidelity Information Services
Project: Electronic Wire Transfer(eWire)
Period: Aug' 16 - Till Date
Team Size: 10
Designation: Senior Tech Lead
Technologies Used: Core Java, J2ee, XSLT, XMLWebServices(SOAP,REST), IBM Websphere MQ, WebSpeher App Sever, Sockets Programming, Angular, Spring Boot,Crystal Report 2016, Unix, Oracle PL/SQL.

Description:

The FIS's eWire application is a comprehensive system designed to automate and streamline the payment settlements and FEDWIRE message processing. eWire application offers connectivity with SWIFT and Fedwire N/W. eWire application also processes PTC (Payment through Correspondent) and ACH Payments for various small size and mid size community banks. The major functionality of eWire system includes processing of SWIFT Messages, FEDWIRE Payments, CHIPS Payments, ACH Payments, Book Transfer, OFAC Scanning and Fraud Checking.

Role:

- Gathering requirements and documenting the technical specification document
- Conducting Impact Analysis and leading design, development and on-time delievery of the projects/enhancements
- Steering the implementation of the security vulnreblity in eWire application
- Reviewing Java code and automating code review process by implementing Sonar Qube integration
- Resolving bugs in a timely manner and mentoring team members in various phases of design and implementation

Organization: IBM India Pvt Ltd.
Project: Self-care DTH (Digital TV)
Client: Bharti Airtel
Period: Jan 2013 – July 2016
Environment : JDK1.8, Spring MVC3.0, AJAX, Hibernate3.0, Websphere Server8.0, DB2, JMS, Websphere MQ, XML.SOAP Services, Rest Web services.

Description:

Bharti DTH Self-care project has developed for DTH user on portal technology to enable end user to view their account details, recharge account, movie booking, changing package, Changing profile info, changing password, adding new SI, Channel recording etc. DTH(Services) is an web portal product for Airtel DTH Portal used by more than 30000 retailer across India. The application facilitates New DTH registration, Online Recharge, Voucher and LAPU recharge, Order movies, Program guide features to retailer to book for customers. Web services from various integrated systems i.e. **CRM, FX, WFMS and VMS** are used for account creation, LAPU and voucher validations and final provision to CANNON.

Responsibilities:

- Involved in High-level design Documentation i.e. Gathering requirements from clients and preparing technical specifications according to client requirements.
 - Design the architecture of the Project.
 - Interacted with business analysts to obtain, analyzing requirements and prepare specifications.
 - Identifying staff assignments, resources, organizations and roles involved in process flow.
 - Planned and Administered MQ environments for all stages of development as well as production.
 - Documented input and output data structures of each of the activity, implemented them in development.
 - Creating excel reports using java API.
 - Handling issues related to the database.
 - Handling issues related to the code.
 - Done code for Java Message Services.
 - Develop code for SOAP and REST web service both the provider and consumer.
 - Worked with different application teams in resolving the issues related to MQ and SMS Services.
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Organization: IBM India Pvt Ltd.
Project: COMPLIANCE COCKPIT
Client: Bharti Airtel
Period: Jan 2010 – Oct 2012
Environment: JDK1.6, Spring MVC2.5, AJAX, Hibernate3.0, Websphere Server7.0, DB2, JMS, Websphere MQ, XML.SOAP Services, Rest Web services.

Description:

COMPLIANCE COCKPIT project is to automate the process of obtaining the approval on each Line item for the Legal and Regulatory department of Bharti Airtel Limited. Allows various kinds of users - Central Admin, Function Admin, State level Inputter, and office level End-user, Approvers. Respective Approvers to receive notification and ability to approve / reject the entry submitted by end-user / Inputter. Role based Reports / Dashboards as and when required, on basis of few parameters for grouping data.

Responsibilities:

- Design the architecture of the Project.
 - Interacted with business analysts to obtain, analyzing requirements and prepare specifications.
 - Identifying staff assignments, resources, organizations and roles involved in process flow.
 - Planned and Administered MQ environments for all stages of development as well as production.
 - Documented input and output data structures of each of the activity, implemented them in development.
 - Creating excel reports using java API.
 - Handling issues related to the database.
 - Handling issues related to the code.
 - Done code for Java Message Services.
 - Develop code for SOAP and REST web service both the provider and consumer.
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Organization: HCL Tech Ltd (Chennai).
Project: AmFam (American Family Insurance)
Client: AmFam (U.S)
Period: Dec 2009 – 10 Oct 2010
Environment: JDK1.5, Struts1.2, Hibernate, Jsp, Servlet, XML, Junit, HPSD Product, Apache Tomcat, Oracle10g, Jboss-4.2.0.GA, LDAP.

Description:

AmFam is Insurance domain based project that belongs to the American Family. The core component for this is HPSD tool. Different applications, servers are integrated with this core component. HPSD have four different modules like Service Call management, Incident management, Change management, Problem management. The operation team at AmFam creates the incidents in the Service Desk manually. As incidents is dispatched to L2/L3, the measurement starts. Accepts the tickets, Change the status to 'In Progress' and start working on the ticket. There are two web applications dispatchchecklist and AmFam that contains all java code. Dispatch Checklist for the Incident management. The AmFam war contains all other code to support the integrations and customizations.

Roles and Responsibilities:

- Code customizations.
 - Resolving and Fixing Bugs.
 - Creating excel reports using java API.
 - Handling issues related to the database.
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Organization: J. K. Technosoft Pvt Ltd.
Project : Auto Quake
Client : Auto Quake (U.K)
Period: July 2008 – Dec 2009
Environment: JSF, Jsp, Servlet, ejb2.0, Jdbc, webservices, jboss-4.2.0.GA, XML, MySQL.
Description:

Auto Quake provides a site i.e. www.autoquake.com for the front end part in which Client may register to get the details of the old vehicle. Site belongs for the selling of the old vehicles. Whole project is based on three major modules **Website, Epicenter, Pricing and Yield** units. Epicenter is the core module of Auto Quake Project provides availability of the Vehicle to the site. Whole information for a vehicle is hold by the Epicenter. Pricing for a vehicle is decided by the Pricing and Yield module. It gives output to Epicenter. Now Epicenter decides it has to display on the site or not. Client may check availability of vehicle and gets its full details.

Roles and Responsibilities:

- Writing Java Codes for paring XML Files for the Vehicle related information.
 - Resolving and Fixing Bugs thrown by the Pricing Unit.
 - Maintain the Web Services to the information on the Site.
 - Engaged in development of SOAP web services.
 - Unit Testing and System Integrating Testing.
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Organization: J. K. Technosoft Pvt Ltd.
Project: Plato
Client: Specsavers (U.K)
Period: March 2008 – June 2008
Environment: Spring, Hibernate, XML, Swing, MySQL, JMS, ANT
Description:

Specsavers Optical Group Ltd (SOG), the Europe's most trusted optician, Contact lens and glasses retailer and choice for eye tests has a large database of products and customers which are maintained in databases called Plato. Plato (country-wise) and Aristotle (Central database).Plato offshore is about development of java based interface for Plato and Aristotle database maintenance. Plato GUI has the facility to maintain the chain at the lower level.

Roles and Responsibilities:

- Interactions with database using hibernate.
 - Creating spring dependency with hibernate.
 - Performance enhancement by redesigning the Java code implementation.
 - PL/SQL queries and MySQL Stored Procedures Conducted Unit Testing and System Integration Testing of the code changes
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