Prem Kumar

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**PROFESSIONAL SUMMARY**

* Software professional with more than 8+ Years of experience in design, development and deployment of Web-based Applications and Enterprise Applications.
* Extensive working experience in all phases of a project development life cycle (SDLC) from Requirements gathering, Analysis, Design, Implementation, Testing, Documentation, Standard reviews and Maintenance support.
* Have implemented projects in Waterfall as well as Agile Scrum Iterative models.
* Have been involved in large legacy modernization and Re-engineering projects.
* Experience in designing and developing applications using object oriented design and Java, J2EE technologies and Mainframe technologies.
* Hands on experience in developing applications using Servlets, JSP, JDBC, JNDI, JPA and EJB.
* Hands on experience in developing both SOAP (JAX-WS) and REST full (JAX-RS) Web Services.
* Experience working with web technologies like HTML, XML, CSS, JSTL and JavaScript. Good knowledge on AngularJS and AJAX as well.
* Experience working on spring, Hibernate and Struts framework.
* Good understanding of RDBMS concepts and have hands on experience in IBM DB2, IBM UDB and MySQL databases.
* Extensive knowledge in using JDBC and Hibernate for persisting data to relational databases.
* Experienced in working with Design Patterns like MVC, Singleton, Service Locator, Data Access Object , Session Façade, Factory and Adapter.
* Having hands on experience in deploying web and J2EE enterprise applications on IBM websphare and JBOSS application servers. Good knowledge on Apache Tomcat web server as well.
* Hands-on experience in mainframe technologies including COBOL, JCL, Easy thrive, DB2 and IMS DB.
* Have gained extensive domain knowledge in P&C Insurance (Auto, Property and Umbrella) with expertise in Claims.
* Experience in agile and Water fall software development methodologies, followed best practices, including coding standards, code reviews, source control management, build processes, testing, and deployment.
* Experience in designing applications using UML Diagrams like Class Diagram, Component Diagram, Sequence Diagrams, and Deployment Diagram using MS Visio, IBM Rational Software Architect.
* Proven track record delivering distributed scalable, secure, reliable software systems.
* Hands on experience with Integrated Development Environments (IDE’s) and tools like Rational Software Architect (RSA), Eclipse and Rational Application Developer (RAD). Good knowledge on Net Beans IDE as well.
* Proficiency in using version control tools like RTC and Borland Star Team.
* Experience in Unit testing using J unit, Integration testing and generating Test cases for web/java core applications.
* Involved in Iteration planning, estimations of story points and presenting demo at the end of iteration for agile projects.
* Have worked and delivered projects in Onshore-Near shore-Offshore model.
* Excellent troubleshooting skills and proactive problem solving approach with excellent leadership, interpersonal and time management skills.
* Excellent communication skills, both written (documentation) and verbal (presentation).
* Reliable, responsible, innovative and versatile team player. Can work independently with minimal supervision or no supervision.
* Experience in providing technical leadership and mentoring a group of Software Engineers.
* Played following roles as part of my career:
  + Technical Lead
  + Module Lead
  + Software Programmer (Application Development)
  + Tech Support - Maintenance (Troubleshooter)

**EDUCATION**

* Bachelor of Technology in Electrical and Electronics Engineering from JNTU University, India.

**CERTIFICATIONS**

* Insurance Domain Training & Certification within the Organization.
* IBM DB2 UDB V8.1 Family Fundamentals and IBM DB2 9 DBA for Linux, Unix and Windows.

**TECHNICAL SKILLS – IN DETAIL**

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| --- | --- |
| Languages | Java,J2EE, C, C++, SQL, COBOL, JCL, Easy thrive, |
| Java/Web Technologies | J2EE- Servlets, JSP, XML, JDBC, JPA, Web Services (SOAP & REST FULL) , WSDL, JSON, JavaBeans, POJO, HTML, J unit, EJB, JAXB, JMS, MQ Series, AJAX |
| Web/App Server | IBM Web Sphere, JBOSS |
| Database | IBM DB2 ZOS, IBM DB2 UDB, IMS DB, MySQL |
| IDE | Eclipse, IBM RSA, IBM RAD, IBM RDZ |
| Frameworks/Architecture | Hibernate (ORM) Framework, Spring Framework, Struts Framework, Presentation Services Framework, SOA Architecture and MVC Architecture |
| Scripting and markup | JavaScript, AngularJS |
| **Modeling Tools** | MS Visio |
| **Design Language/Tool** | IBM Rational Unified Modeling Language, J2EE Design Patterns |
| **Web Services Tools** | SOAPUI, ARC (Advanced REST Client), Postman |
| **Review Tools** | Smart Bear – Code Collaborator, PMD Plug-in, SONAR |
| Version Control Tools | IBM RTC, Borland Star Team |
| Project Methodologies | AGILE/SCRUM/XP, Waterfall |
| Operating systems | IBM ZOS, Windows 2000/XP/NT/98/Vista/7, UNIX |
| **Utilities** | Logger, JUnit, Ant, Q-Unit |
| Others | IBM Mainframe Languages and its corresponding tools |

**PROFESSIONAL EXPERIENCE**

**Client:** USAA, San Antonio, TX

**Role:** Sr. Java Developer & Technical Lead

**Duration:** Sep 2015 – present

**Location:** San Antonio, TX

**Project Name:** European Loss Reserving and Foreign Exchange (Euro Fx)

This project aims in enabling the automatic setting of reserves for the Auto and Property exposures and foreign exchange conversions. In the current system once a claim is reported, MSR has to manually set the reserves for the exposures that have been identified. The project has automated the functionality of setting the reserve amount and currency code based on the set of business rules. The project is also aimed at converting the reserves set and payments, recoveries and adjustments issued in the foreign currencies using the new daily exchange rates and feeding them to down steams.

**Responsibilities:**

* Developed and implemented the application in agile environment.
* Participated in daily scrum to provide bi-weekly sprint updates for various tasks.
* Participated in RAC and JAD sessions with business team to understand the business requirements/stories and expectations from the project sponsors.
* Effectively implemented Java, J2EE, SOAP Web Service, spring and Hibernate technologies to design the application in SOA.
* Used MVC, Service Locator and Data Access Object design patterns in development.
* Created SOAP Web service and used SOAPUI to test the Web service.
* Used Site Catalyst technology to generate web analytic reports to business sponsors.
* Used JUnit and PMD plug in for effective unit testing and code quality check.
* Frequently reviewed the design and code through smart bear review tool.
* Worked with Ant tool to build the application, IBM RTC repository for source control and Code reviews using Smart Bear code collaborator.
* Involved in developing UML and Class/Sequence diagrams to help team members understand the business flow of the project.
* Automated the test case in auto build and deploy process to achieve the Continuous Integration.
* Participated and contributed actively in agile ceremonies like team stand-ups, iteration planning, backlog grooming/pointing sessions, Demos to Business Owners/APOs and retrospective meetings.
* Coordinated with multiple teams for application development and issue resolution.
* Provided direction and mentored team members.

**Environment:** Agile Methodology, Java, J2EE, Servlets, JSP, JavaScript, SOAP Web Services, SOAPUI, Spring Framework, HTML, XML, UML, JDBC, DB2, UDB, IBM RTC, IBM RSA, Hibernate Framework.

**Client:** USAA, San Antonio, TX

**Role:** Sr. Java Developer & Technical Lead

**Duration:** Nov 2013 – Aug 2015

**Location:** San Antonio, TX

Project Name: claim settlement Process

This project automates the total loss offer settlement & payment process in Claims and enables member service representative to digitally send the offer to member and member can accept/reject the offer and select the payment preference for the accepted offer. Automatically trigger the corresponding letters based on the actions done in the application flow.

**Responsibilities:**

* Developed and implemented the application in agile environment.
* Effectively implemented Java, J2EE, SOAP Web Service, spring and Hibernate technologies to design the application in SOA.
* Participated in RAC and JAD sessions with business team to understand the business requirements/stories and expectations from the project sponsors.
* Used MVC, Service Locator and Data Access Object design patterns in development.
* Created SOAP Web service and used SOAPUI to test the Web service.
* Used Site Catalyst technology to generate web analytic reports to business sponsors.
* Used JUnit and PMD plug in for effective unit testing and code quality check.
* Frequently reviewed the design and code through Smart bear review tool.
* Utilized Pair Programming approach to ensure high quality code.
* Worked with Ant tool to build the application, IBM RTC repository for source control and Code reviews using Smart Bear code collaborator.
* Involved in developing UML and Class/Sequence diagrams to help team members understand the business flow of the project.
* Automated the test case in auto build and deploy process to achieve the Continuous Integration.
* Participated and contributed actively in agile ceremonies like team stand-ups, iteration planning, backlog grooming/pointing sessions, Demos to Business Owners/APOs and retrospective meetings.
* Coordinated with multiple teams for application development and issue resolution.
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**Environment:** Agile Methodology, Java, J2EE, Servlets, JSP, JavaScript, SOAP Web Services, SOAPUI, Spring Framework, HTML, XML, UML, JDBC, DB2, UDB, IBM RTC, IBM RSA, Hibernate Framework.

**Client:** USAA, San Antonio, TX

**Role:** Java Developer

**Duration:** May 2013 – October 2013

**Location:** Hyderabad, India

**Project Name:** Automated Claims Payments

This project aimed at reengineering the existing complex legacy payment component. This project enables new user interface system for payments, recoveries, adjustments, review of financials and provides the following for Auto Claims processing:

* Issue all types of expense and indemnity payments including legal expense payments with new rich interface. Support vendor disbursements and 1099 Reporting through PeopleSoft.
* Validate payments against authorization and policy limits.
* Providing capability to automatically issue payment for selected auto physical damage and first party medical claims.

**Responsibilities:**

* Responsible in analyzing requirement, prepared Solution Architecture Document (SAD) with Architects to represent Data flow, Architecture Changes, Impacted Systems/services, Context diagram and Use Case diagrams.
* Responsible for impact analysis on existing systems.
* Involved in various meetings on a daily basis with Onsite, to understand the requirements and interfaces between vendors and USAA systems.
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams and Architects.
* Designed and developed the application in Waterfall Methodology by using the Java/J2EE JMS, spring , Hibernate, JDBC and Java Web Services technologies.
* Used Java design patterns like MVC, Singleton and Data Access Object.
* Created unit test cases and perform Unit Testing for low level business services using JUnit.
* Worked with Ant tool to build the application.
* Worked with Borland Star Team repository for source control.
* 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.
* Coordinated with offshore team, onsite team and provide status to clients.

**Environment:** Waterfall Methodology, Java, J2EE, Servlets, JSP, JavaScript, SOAP Web Services, SOAPUI, Spring Framework, HTML, XML, UML, DB2, UDB, IBM RTC, IBM RSA, JDBC, Hibernate Framework, Mainframe languages and its corresponding tools, C++ and CICS Transactions server.

**Client:** USAA, San Antonio, TX

**Role:** Java Developer

**Duration:** Mar 2012 – April 2013

**Location:** San Antonio, TX

**Project Name:** Claims Legacy Reengineering for Property and migration.

CLR project aims at re-engineering the Mainframes based systems to JAVA platform and developing an enhanced user friendly application for ‘Customer/Member Service Representatives’ in order to expedite ‘Property Claims’ process.

**Responsibilities:**

* Analyzed the requirements, prepared Solution Architecture Document represent Data flow, Architecture Changes, Impacted Systems/services, Context diagram and Use Case diagrams.
* Performed impact analysis of the existing systems.
* Involved in various meetings on a daily basis with business, to understand the requirements and interfaces between Vendors and USAA systems.
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams and Architects.
* Coordinating, planning and executing the project using Waterfall Methodology.
* Developed the application using the Java/J2EE, Presentation Services Framework, Business services framework, IBM MQ Series and Web Services.
* Used MVC, Singleton and Data Access Object design patterns.
* Created unit test cases and perform Unit Testing for low level business services using JUnit framework.
* Worked with Ant tool to build the application.
* Worked with Borland Star Team repository for source control
* 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.
* Establishing and monitoring processes for Issue Management and Change Management.
* Coordinated with offshore team, onsite team and provide status to clients.
* Tracking and Mitigating the Risks.
* Migration of data from IMS DB to DB2 table using mainframe technologies COBOL, JCL and Easy thrive.

**Environment:** Waterfall Methodology, Java, J2EE, Servlets, JSP, JavaScript, SOAP Web Services, SOAPUI, Spring Framework, HTML, XML, UML, DB2, UDB, IBM RTC, IBM RSA, Hibernate Framework, COBOL, JCL, Easy thrive and Batch jobs.

**Client:** USAA, San Antonio, TX

**Role:** Java Developer

**Duration:** Jan 2010 – Feb 2012

**Location:** Hyderabad, India

**Project Name:** Claims Legacy Reengineering for Auto and migration.

CLR project aims at re-engineering the Mainframes based systems to JAVA platform and developing an enhanced user friendly application for ‘Customer/Member Service Representatives’ in order to expedite ‘Auto Claims’ process and one time migration of data.

**Responsibilities:**

* Performed analysis for the client requirements and developed detailed design documents.
* Developed Use Cases, Class Diagrams, Sequence Diagrams and Data Models.
* Involved in various meetings on a daily basis with Onsite, to understand the requirements and interfaces between Vendors and USAA systems.
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams and Architects.
* Coordinating, planning and executing the project using Waterfall Methodology.
* Developed the application using the Java/J2EE, Presentation Services Framework, Business services framework, IBM MQ Series and Web Services.
* Used MVC, Singleton and Data Access Object design patterns.
* Created unit test cases and perform Unit Testing for low level business services using JUnit framework.
* Worked with Ant tool to build the application.
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**Environment:** Waterfall Methodology, Java, J2EE, Servlets, JSP, JavaScript, SOAP Web Services, SOAPUI, Spring Framework, HTML, XML, UML, DB2, UDB, IBM RTC, IBM RSA, Hibernate Framework, COBOL, JCL, Easy thrive and Batch jobs.

**Client:** ABN AMRO Bank, Netherlands

**Role:** Jr. Java Developer

**Duration:** Aug 2008 – Dec 2009

**Location:** Mumbai, India

**Project Name:** MOI (Mat work On Internet)

This project is aimed to make available employee dialogue (Accessed by bank shop employee) on internet for the customer. A major part of bank employee application was implemented on internet for the customer including the functionality to update their authorizations through internet banking instead of visiting the bank shop.

**Responsibilities:**

* Preparing Analysis and design documents for the project according to the business requirements.
* Coding, Unit Testing, Integration testing and implementation based on the business requirements.
* Prepared prototypes, User Interface Mocks, DB design and presented to impacted services teams and Architects.
* Designed and developed the application in Waterfall Methodology by using the Java/J2EE, Servlets, JSP, JDBC and DB2 technologies.
* Created unit test cases and perform Unit Testing for low level business services using JUnit.
* Performing IQA and EQA of analysis and design art effects.
* Worked with Borland Star Team repository for source control.
* 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.
* Used HP Quality Centre for Defect Management.
* Coordinated with offshore team, onsite team and provide status to clients.

**Environment:** Waterfall Methodology, Java, J2EE, Servlets, JSP, HTML, XML, UML, JDBC,DB2, IBM Web Sphere, JUnit.