**Sachin Kumar**

**Sr Java developer/ Application Support**

**Ph: (940)-536-3743**

**E-mail:** [**Kumarsdev78@gmail.com**](mailto:Kumarsdev78@gmail.com)

**Professional Summary:**

* 8+ years of strong IT experience, extensively in areas of enterprise & web application development involving system architecture, design, development and maintenance of enterprise level applications under Health, Financial Services and Retail domains
* Experience in Software Integration and Release Management, Deployment Automation Engineer and UNIX Administration, **Production Support**, **Application Support**
* Experienced in working with big data technologies like **Spark Core, Spark Hql, Spark -Streaming, Kafka**.
* Experience in apache **Hadoop** for storage part in **HDFS (Hadoop Distributed File System).**
* Extensive experience in design and development of J2EE applications using **Core Java, Java Collections, Data Structures, Multithreading, JDBC, Servlets, JSP, EJB, AJAX, JMS Custom Tag Libraries, JSTL, XML and Web Services**.
* Expertise in using various open source frameworks like **Struts** and **ORM** Technologies like Hibernate and My Baits.
* Experience in Spring Framework such as **Spring IOC, Spring DAO, Spring ORM, Spring Resources, SpringJDBC, Spring wicket, Micro-Services**.
* Expertise in developing **GUI** using Web-Development technologies like **HTML, DHTML, DOJO, JavaScript, CSS, HTML5, Angular JS, Node JS, Bootstrap, Spring boot, JSF and jQuery**.
* Experience on **SOA** and Web Services like **SOAP (JAX-WS) &REST (JAX-RS)** using different frameworks like **Apache Axis2, Spring-WS, Apache CXF and Jersey**.
* Extensive experience of using IDE tools **Eclipse 3.2, Netbeans7.1.2, IntelliJ IDEA** […] for JAVA/J2EEApplication development.
* Experience in working on web servers like **Apache** and application servers like **Web logic, Tomcat, Websphere** to **deploy code**.
* Expertise in working on **Node.js** Fundamentals including Modules, Callbacks, Events, Streams and Error Handling by making use of its Core Features like Event-Driven, Single Threaded model and Non-Blocking I/ O model.
* Experience in **Software Life Cycle Development (SDLC)** process which incorporates Requirement Gathering, Analysis, Developing, Testing and implementing life cycle utilizing approaches like **Agile, Scrum** and Test Driven Development.
* Prepares and maintain documentation and records of installations, repairs, system setups, computer loaners and maintenance on our **ticketing** system
* Implemented **Multi**-**threading**, Concurrency, Exception Handling and Collection whenever necessary.
* Experience in creating build scripts using **Ant, Maven and Gradle** tools. Extensive experience in implementation of the version control software **SVN, CVS, Git**.
* Provided level II/III support to users and software developers. Researched and developed permanent **resolutions** for production environments.
* Maintained customer report, **escalation** report, bug report on a Siebel Database. Interfaced with outside developers and escalated problems when necessary.
* Co-ordinate work between the technical support and development teams
* Extensive experience in using databases such as **IBM DB2, Oracle 11g/10g, SQL Server, PL/SQL and MySQL**.
* Proficient on different data sources ranging from flat files **SQL Server, Apache spark, Oracle 11g/ PL/SQL Packages, Procedures, Functions, Triggers** and other objects and apache **Kafka**.
* Expertise in using and implementing design patterns such as **Model-View-Control (MVC), Data Access Object (DAO), Service Locator Factory, Singleton & Business Delegate**.
* Performed unit testing using **JUnit** and **Mockito** aiding test driven Development in some scenarios.
* Worked with **RabbitMQ** is used for Messaging for decoupling applications by separating sending and receiving data.
* Used **Log4J** to capture the logs that include critical business related information.
* Built Continuous Integration environment **Jenkins** and Continuous delivery environment. Worked with **Docker** container snapshots, attaching to a running container, managing containers, directory structures.
  + Responsible for Unit testing, performance tuning, UAT and Post production support of web applications.
  + Determined time estimates and schedule for the support request/new application development task assigned and completed the work in a timely manner.
* Provide end user support for corporate information systems equipment to include personal computers, printers, scanners and network attached devices excluding fax and internet phones and to install, configure, troubleshoot, diagnose, and resolve issues with PC’s, laptops, and network connectivity.
* Provided technical support on issues arise after deployment to Production.
* Good knowledge on chef cookbooks using the several components like **attributes files, recipes, resources** and templates.
* Involved with the team of automation on **Ansible playbooks**, roles include statements, **vars, modules, checkmode (dry run)**.
* Experienced in development and troubleshooting Web based and enterprise based applications on **Windows**, **UNIX** and **Linux** platforms.
* Extensive experience in various UI widgets using JavaScript libraries like **AngularJS**, Node js, Backbone.js etc.

**Technical Skills:**

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| --- | --- |
| **Operating Systems:** | UNIX, Linux 4.x/5.x/6.x/7.x, Windows (98, 2000, XP, Vista) |
| **Web Technologies:** | Java Script, XML, HTML5, CSS 3.0, AJAX, DOJO, JQuery, DHtmlXGrid, GWT, JSON, FLEX Builder 3.0, cXML, XSLT, XHTML, Angular.JS, Bootstrap. |
| **J2EE Technologies:** | Servlets, JSP, JDBC, JUNIT, JAXB, JMS, JNDI, JSTL, Tiles, SUN One LDAP, Apache Camel, ANT/Maven. |
| **Web-Service Technologies** | AXIS2, SOAP, WSDL, WADL, REST (JAX-RS). |
| **Frameworks:** | MVC 1/2.0, Struts 1.x, 2.0, Spring, Hibernate 3.0, JPA. |
| **Scripting Languages** | JavaScript, JQuery. |
| **Web/Application Servers** | Apache Tomcat 7.0, WebLogic 10.3, Jboss4, WebSphere […] Glassfish. |
| **Databases** | Oracle10g, MYSQL, MSSQL, RDS. |
| **IDE Tools** | IntelliJ, Eclipse, J Builder, Velocity Studio. |
| **Methodology** | Water Fall, Agile, SCRUM,JBPM |
| **Cloud Console Services** | IAM, VPC, Snowball, SES, SNS, SWF, AWS SDK'S, Pinpoint, Elasticcache, Ops Works, code commit, code pipeline, config, Server migration, Amazon EMR, Redshift, storage Gateway, API Gateway, workflow. |
| **Other Tools** | TOAD, Log4J, MS-Office, Fish eye, JIRA, SQL Developer. |

**Professional Experience:**

**Blue Cross Blue Shield, Flowood - Mississippi Feb 2016 - Present  
Sr Java developer/ Application Support**

**Description:**

BCBS - a health insurance company that improves the customer's well-being, productivity and health by providing them with benefits, service and expertise. In this project we develop a real-time, fully automated claims processing system for online mediation of disability, medical, vision and dental claims. The timely and efficient management of all the data related to clinical, administrative and finances throughout the organization is done by the application which in turn enables the information sharing between subsystems.

**Responsibilities:**

* Involved in developing components on Reporting Dashboard with **Spring MVC, Spring boot, Spring Framework** and **Hibernate**.
* Worked as part of **Micro-services** team to develop and deliver **Maven** projects to deploy on **Tomcat**.
* Restful endpoints are created for UI and other services to consume.
* Executed code fix of defects raised in QC by production support team.
* API contracts are documented and rendered using Swagger for QA and BA teams to view.
* Used **Apache Camel** for generating routes for Merchant Portal Micro-services where merchant employees can login and admins can manage employees.
* Better Understanding the existing application, Business processes and **Security Module**. Designed Security module to support implemented custom.
* Developed **session EJB** and **message driven bean (MDB)** to process **JMS XML** messages.
* Involved in developing **JUNIT Test Cases** to validate the type of data in the **XML Files**. Used **Log4J** for logging and tracing the messages.
* Used **multithreading** in programming to improve overall performance.
* Diagnose, **troubleshoot** and resolve a range of software, hardware and connectivity issues. Excel in asking probing questions and researching, analyzing and rectifying problems.
* Hands on experience on **REST** based web services using **JAX-RS library**. Customized Restful Web Service using **Spring Restful API**, sending **JSON** format data packets between front-end and middle-tier controller.
* Used **Maven** tool to build and packaged, deploy an application project and integrated with **Jenkins**.
* Implemented modules **using Core Java APIs, Java collection, Java 8(Streams), multi-threading**, and **object-oriented designs**.
* Hands on experience using **Apache Tomcat** as application servers to handle the deployments of different applications.
* Install and maintain routers, switches, access points, and servers. Virtualize physical servers. Manage trouble tickets via **ticketing** system. Complete projects as requested by clients.
* Developed Core Service as **maven jar** that can be included by other **Micro-services** as their maven dependency.
* Core service uses the main database and the other **Micro-services** use their individual databases to access and store data.
* Secured APIs using **OAuth2** provider **KeyCloak**.
* Authentication is provided by **KeyCloak** and authorization is done using **KeyCloak** adapters to read User Principle and the roles.
* **AWS S3** is used to store customer's monthly credit statements.
* **Apache Camel's AWS** component is used to upload documents to S3.
* Employees are authenticated using Active directory and end user passwords are stored in Open **LDAP**.
* Used **Jenkins** for building, creating snapshots and deploying on servers.
* Used **JIRA** for project management. Epics, tasks and subtasks are created to track the progress.
* Created **Spring MVC** components like Dispatch Servlets, configure Request mapping annotation controllers, view resolver components.
* Hands on experience of multiple **AWS** accounts with multiple VPC's for both production and non-production where primary objectives included automation, build out, integration and cost control.
* Experience on setting up and configuring **AWS's EMR Clusters** and used **Amazon IAM** to grant fine-grained access to **AWS** resources to users.
* Involved in creating tables and worked on **My SQL** and **PL/SQL** to write Stored Procedures functions and packages for complex Inserts and updates in the database. And used Stored Procedures in the application.
* Involved in **Stored Procedures**, User Defined functions, Views and implemented the Error Handling in the Stored Procedures and SQL objects and Modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using **AngularJS, Express JS and JQuery**.
* Improved issue **troubleshooting** efficiency by developing applications using Java to automate gathering of technical data at customer sites.
* Developed remote troubleshooting tools.
* Coordinated and worked with software and hardware engineers and improved product quality.
* Proficient in using Clarify issue **tracking** system to track and log support issues.
* Experience in Software Integration and Release Management, Deployment Automation Engineer and UNIX Administration, Production Support, Application Support.
* Duties also include reviewing in-process **batch** records, restricting product using multiple platforms, initiate CAPAs, area checklists, and review/approve manufacturing operational decisions.
* Handled UI with Angular JS (MVC framework) to control the page layout.
* Used Scrum methodology for the software development process.
* Designed dynamic and browser compatible pages using HTML5, CSS3, JavaScript and **AngularJS**.
* Created forms to collect and validate data from the user in HTML5 and AngularJS.
* Developed the application using Model-View-Controller (MVC) architecture.
* Developed **AngularJS** components such as controllers, Services, filters, models.
* Team Lead- Training, Documentation, support all Shifts to ensure that IT systems and applications are running optimally and are monitored 24x7

**Environment**: Java 1.8, Angular JS, Bootstrap 3.3, Spring 4.0, Spring boot, Web Services (RESTFUL & SOAP), Oracle 11g, DB2, Hibernate 4.2, SQL, Apache CXF, MVC, Jersey, KeyCloak, JSON, JAXB, Unix, Linux, Log4j, STS, Mockito, Apache Tomcat, Maven 3.0, Jenkins, GitHub, JIRA, EC2, S3, VPC, Redshift, SQS, SNS, SWF, IAM, EMR, Cloud watch, AWS Lambda.

**Choice Hotels, Phoenix - AZ July ’14 – Feb ‘16  
Sr. Application Support**

**Description:**

Choice Hotels International, Inc. is a hospitality-holding corporation that owns and manages various hotel and motel brands. The purpose of Choice Central Employee Reservation Redesign initiative is to redesign existing employee reservation application by repairing the current process that handles employee reservations.

**Responsibilities:**

* Experience on modifying the existing Backend code for different level of enhancements.
* Involved in **J2EE patterns MVC, Dependency Injection (DI), Inversion of Control (IOC), Data Access Object (DAO), Business Delegate, Service Locator** and **Singleton** for the enterprise application.
* Developed test cases and performed unit testing using **JUNIT Test case**.
* Developed different **JavaBeans** and helper classes to support Server Side programs.
* Experienced in the architecture, design and development of high traffic application built in Java/J2EE using **MVC** architecture integrating spring, **Hibernate** and **Struts frameworks** in **SOA**.
* Full software development life cycle (SDLC) experience, involving requirement analysis, design, development, testing, debugging and technical & production support.
* Used spring as an application framework to build the Services layer and implemented its core modules suchas **Spring Core Container, Inversion of Control, Data Access** and **MVC** and Used **XML/java /annotation spring boot** configurations.
* Implemented **ORM (Object Relational Mapping)** framework with Hibernate for mapping Java classes and database tables.
* Experience in Software Integration and Release Management, Deployment Automation Engineer and UNIX Administration, Production Support, Application Support
* Designing and implementing scalable, **Restful** and **micro services**-based mobile back-end. The back-end is being written in Java using **Spring Boot** for simplicity and scalability.
* Experienced in coding Web Services with **JAX-WS (SOAP) and JAX-RS (Restful**). Used **Apache Tomcat** as application servers to handle the deployments of different applications.
* Hands on experience on GitHub as Version control for code repository and Jenkins for continuous integration.
* Experienced **with security groups, network ACLs, Internet Gateways**, and **Elastic IP's** to ensure a safe area for organization in AWS public and private cloud.
* Hands on experience on **elastic load-balancers (ELB)** for different applications to provide high performance of applications.
* Experience on **Route53** to manage DNS zones and assign public DNS names to elastic load balancers IP's.
* Hands on experience on creating auto-scaling groups based on memory and CPU usage to handle excessive or under use workload without needing manual interference.
* Build scripts on **AWS** cloud for scheduling **EC2 auto scaling load balancer** with **python SDK**.
* Good experience with **Dynamo DB** and **Redshift, Lambda.**
* Performed Migration test and use cases for applications to **AWS cloud** with public and private IP ranges to accelerate development productivity by decreasing test-run times.
* Experience on **Amazon IAM service** enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of **AWS IAM** and also involved in developing the Web services using **AXIS2 framework**.
* Worked closely with Testing team for issue fixing and coordinating test set up for testing
* Built, tested and managed the development lab to facilitate replication and **resolution** of product issues and defects resulting in 50% increase in efficiency of replicating customer systems and 60% increase in accuracy of initial **diagnosis** of customer issues
* Database supports for applications designed using SQL Server, Sybase, Unix Shell Scripts, Autosys scheduler, ETL workflows designed using Informatica power center.
* Responsible for Unit testing, performance tuning, UAT and Post production support of web applications.
* Determined time estimates and schedule for the support request/new application development task assigned and completed the work in a timely manner.
* Maintaining and supporting the application round the clock by debugging the code using the log files and other available services
* Provided development support by resolving application defects and communicating defect status on a regular basis.
* Provided excellent release management support at the time of releases
* Successfully designed, tested and upp a comprehensive performance and benchmarking plan using Empirix e-TEST Suite
* Made new modifications to existing code and support for production issues
* Created detailed design document, use cases, sequence and class **UML diagrams** using **Rational Rose**.

**Environment**: Java 1.6, Spring 3.0, RESTful Web Services, Hibernate 4.0, Java, J2EE, JSP, AJAX, HTML, Java Script, spring, Maven, Amazon web Services, spring boot, Activemq, Hibernate, Eclipse, XML, XSD, JDK 1.5, JMS, Tomcat 5.0, Unix, Maven and SVN, AWS, EBS, Elastic Load Balancer, Route 53, VPC, cloud watch, cloud trail, code deploy, Auto scaling, IAM, EC2, Dynamo DB.

**Sears Holdings, Hoffman Estates, IL March 2013 – July 2014**

**Sr. Java\_ Developer**

**Description:**

Sears Holdings is one of the largest company across the globe. In this project, I worked with E- statement server, which provides the facility for the clients to view their statements, transaction history and merchant details. I was on boarded to work on production support, maintenance, and developed completely new module to this application.

**Responsibilities:**

* Involved in phases of Software Development Life Cycle, interface design, configuration of framework, QA and documentation, maintenance.
* Good experience in building multi-threaded Java server side applications and frameworks.
* Used **Spring IOC** (Inversion of Control) to remove the object Dependencies across the application.
* Implemented **Singleton, MVC, Data Transfer Objects** and **Data Access Objects** design patterns.
* Extensive use of **JDBC** to communicate to the Database for storing and retrieval of information
* Experience on **Log4j** to print the logging, debugging, warning, info on the server console.
* Involved in **SVN** version controls to check in/out files, etc. also responsible for branching, merging the branch to main using **Tortoise SVN** tool.
* Used **data modelling** for creating a data model by applying formal data modelling techniques.
* Developed back-end logic with Core Java using technologies **including Collection Framework, Multi-Threading, Exception Handling, Generics** and **Annotation**.
* Experience in application servers like **Tomcat** locally and Web logic to host it on the Linux server.
* Used **Maven** to build, run and create **JARs** and **WAR** files among other uses.
* Enhanced user interfaces to enable input of additional personal information for the purpose of plan generation using **CSS, HTML, HTML5, DOJO, JavaScript, AJAX, and Angular JS**.
* Experience in design and develop XML processing components for dynamic menus on the applications.
* Hands on experience in usage of **Hibernate, object/relational-mapping (ORM) solution technique,** to mapdata representation from **MVC model** and **Oracle Relational Data Model** with a **SQL-based schema**.
* Implemented customized authentication in **Spring Security** to verify user-role and secure the user pages, such as **login, admin/user operations, trading, portfolio,** etc.
* Customized **Restful Web Service** using **Spring Restful API**, sending **JSON** format data packets between front-end and middle-tier controller.
* Designed **JSP** pages for Initial applications, Submissions and Maintenance Involved in implementing Message Driven Beans using for **JMS** systems.
* Maintained good support with Business Analyst and Business Users to identify information needs as per business requirements.
* Developed session **EJB** and **message driven bean (MDB)** to process **JMS XML messages**.
* Performed code review and unit tested the application using **JUnit framework**.
* Extensive experience with Agile Team Development and Test Driven Development using **JIRA**.

**Environment:** Java, JDK 1.8, Core Java, Web Sphere Application Server, JSON, XML, Clear case, JIRA, RESTFUL web services, Spring MVC, Spring IOC, JAX-RS, Collections, Maven, JDBC, DB2, Log4j, JUnit, JMock.

**First Republic Bank, San Francisco, CA Jan 2012 - Feb 2013**

**Java/J2EE Developer**

**Description:**

FRB is one of the premier financial institutions in the United States. FRB serve millions of consumers, small businesses and many of the world's most prominent corporate, institutional and government clients and is the leader in investment banking, financial services for consumers, small business and commercial banking, financial transaction processing, asset management and private equity. The U.S. consumer and commercial banking businesses serve customers under its brand.

**Responsibilities:**

* Involved in the creation of UI specification documents by interacting with business users and design documentation and data modelling for the entire project.
* Frontend validations are performed using **JavaScript,** server side validations are performed in Struts.
* Used **Struts Tag Libraries, JSPs, HTML, JavaScript, DOJO** and **CSS** to develop the frontend UI, certain shopping cart features are developed using Angular.js.
* Involved in the architecture, design and development of high traffic application built in **Java/J2EE** using **MVC** architecture integrating **spring, Hibernate** and **Struts** frameworks in **SOA.**
* Used **struts validation framework** to perform Server side validations.
* Involved in the creation of data model and data dictionary during the application design phase.
* Implemented **ORM** with **HIBERNATE** to make the Persistence class objects interact with numerous SQL Server tables spanned across various schemas as per **MODOC** standards.
* Defined multiple Data sources on the server side to be used in applications with **JNDI**.
* Entire Application was developed in Eclipse. GWT plug-in is used for browser testing and compatibility of **AJAX** and **JQuery** components along with JUnit. Agile Methodology is used to develop the application, involved in daily **SCRUM** meetings to discuss the status and progress of individual Sprints and was mainly interacting with the business users for data migration and testing the application.
* Experience on Test/Prod environment for continuous build and deployments in Jenkins.
* Involved in Local deployment and testing was performed in **JBoss** while final Testing, Stage and Production versions are deployed on the **WebSphere Server**.
* Performed various business services are exposed as Restful Web Services to the external clients during the **Service Oriented Architecture (SOA)** implementation.
* Experience on **Apache Ant** as build tool to automate the build process for the entire application.
* Experience on **SVN** repositories for version controlling, and **Log4J** is used for Logging Errors, Exceptions.
* Involved in integrating applications with other application using **IBM WebSphere**.
* Good knowledge on automated data loading using SSIS package to fetch, load and parse data from various external sources such spreadsheets and flat files from **DB2** in to **SQL Server Database**.
* Involved in development, performance testing & defects fixing, also followed an Issue Tracker to log the issues and fixes applied daily to streamline the application development.
* Used **GIT** controls to track and maintain the different version of the project.

**Environment:** Java, J2EE, Struts 1.x, Spring boot, Hibernate 3.0, MS SQL Server 2008, SOA, cXML, JSP, Eclipse, GWT, JUnit, WebSphere 6.0, JBoss 4.x, DB2, GIT, IBM web sphere, SVN, Log4j, Jenkins, JQuery, Glassfish, AJAX, DOJO, Backbone JS, JQuery, AJAX, JSON, GIT, Scrum, Apache Ant.

**Serinux Technologies, Hyderabad - India June 2008 – Nov 2011**

**Java Developer**

**Responsibilities:**

* Involved in preparation of functional definition documents and Involved in the discussions with business users, testing team to finalize the technical design documents.
* Created business logic and application in **Struts Framework** using **JSP,** and **Servlets**.
* Worked on implementation of **MVC** pattern by using its **Custom Tag Library, UI Components, Server-side Helper Classes, Valuators, Event Handlers** and **Navigation Handlers**.
* Involved in developing **JSP** pages for the web tier and validating the client data using JavaScript.
* Developed web application using **Spring MVC** framework.
* Used **Spring DAO** concept in order to interact with **database (DB2)** using **JDBC** template.
* Proficient in Core Java concepts like **Collections, Multithreading, Data Structures, Serialization, and JavaBeans.**
* Developed **XML** documents and generated XSL files for Payment Transaction and Reserve Transaction systems.
* Wrote unit test cases for different modules and resolved the test findings.
* Implemented **SOAP** using Web services to communicate with other systems.
* Developed **JDBC** code for backend processing.
* Used Subversion for version control and **log4j** for logging errors.
* Involved in writing test cases for testing functional specification and for unit testing
* Wrote **Oracle PL/SQL** Stored procedures, triggers.
* Helped production support team to solve trouble reports.
* Interacted with testing team to fix defects.

**Environment**: Java, J2EE, Struts, JSP, JDBC, Servlets, JavaScript, JUnit, Hibernate, WebLogic, Log4j, Maven, CVS, PL/SQL, Oracle, Windows, Linux, Net Beans, Apache Tomcat, SVN, DB2, MVC.