**Bhanu K**

**Sr. Java Fullstack Developer**

**Summary**

* Having **14+ years** of experience in design, development, maintenance, and support of **Java/J2EE** applications.
* Working knowledge in multi-tiered distributed environment, good understanding of Software Development Lifecycle **(SDLC).**
* Experience in working in **MacOS**, **Windows** and **UNIX** platforms including programming and debugging.
* Experienced in Application Assessment and maintenance of **Microservices** architecture applications using **Spring Boot**, **AWS,** and **Restful Web Services**.
* Developed integration modules for disparate clients using **Apache Camel**.
* Extensive experience in **Java/J2EE programming - JDBC, Servlets, JSP, JSTL,** **JMS.**
* Expert knowledge over J2EE Design Patterns like **MVC Architecture, Front Controller, Session Facade, Business Delegate** and **Data Access Object** for building J2EE Applications.
* Hands on experience in **AWS**, **AWS** IOT concepts like Lambda, **AWS** Java SDK programming and CLI Tools continuous Integration and Continuous Deployment, **AWS** Glue.
* Hands-on experience in using message brokers such as ActiveMQ and RabbitMQ.
* Experienced in web development using **HTML5, CSS, JavaScript,** and **AJAX** technologies.
* Experienced in developing MVC framework-based websites using **Struts** and **Spring Boot.**
* Experienced in developing MVW framework-based websites using **Angular.**
* Experience in building web applications using **Spring** Framework features like **MVC (Model View Controller)**, **IOC (Inversion of Control)**, **DAO (Data Access Object)** and template classes.
* Expertise in Object-relational mapping using **Hibernate**.
* Experience in **XML** related technologies including **XSD, DTD, XSLT, DOM, SAX, JAXP, JAXB,** and **XMLBeans**.
* Experience in installing, configuring, tuning **IBM Web Sphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x. and JBoss 6.x.**
* Good Knowledge of using IDE Tools like **Eclipse, Rational Application Developer (RAD)** and **Spring Tool Suite**for Java/J2EE application development.
* Expertise in database modeling and development using **SQL, PL/SQL** in **Oracle (8i, 9i and 10g), DB2** and **SQL Server** environments**.**
* Experience in using **ANT, Gradle** and **Maven** for build automation.
* Experience in using version control and configuration management tools like **TFS**, **SVN**, **CVS** and **Subversion**.
* Experienced in using Operating Systems like **Windows 98 / 2000 / NT / XP.**
* Proficient in software documentation and technical report writing**.**
* Versatile team player with good communication, analytical, presentation and interpersonal skills**.**

**Education**

Bachelor of Technology in Electrical and Electronics Engineering - 2005 JNTU University, INDIA.

**Technical Skills**

|  |  |
| --- | --- |
| **Programming Languages** | Java 1.8, PL/SQL, Unix |
| **Java/J2EE Technologies** | Spring Boot, Spring MVC, Struts, Servlets, JSP 1.2/2.0, JMS. |
| **Web Development** | HTML5, CSS, Java Script, AJAX |
| **Frameworks** | AWS, Spring Boot, Struts 1.x/2.x, Hibernate, Spring 2.5/3.0, Angular, Apache Camel. |
| **XML** | XML, XSD, DOM, SAX, JAXP, JAXB, XMLBeans |
| **Messaging Technologies** | IBM MQ, Apache Kafka, ActiveMQ, RabbitMQ |
| **Application/Web Servers** | JBoss 6.x, IBM Web Sphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x |
| **Methodologies/Design Patterns** | OOP, MVC2, DAO, Factory pattern, Session Façade, Saga Orchestration |
| **Databases** | PostgreSQL, Oracle 8i/9i/10g, SQL Server 2000/2005, IBM DB2 |
| **IDEs** | Intellij IDEA, SpringTool Suite, Eclipse, RAD, WSAD |
| **Build Automation** | Ant, Gradle and Maven |
| **Testing and Logging Frameworks** | Log4J, Power Mockito and Cucumber BDD |
| **Reporting Tools** | I Report |
| **Tools** | XML Spy, TOAD, DBeaver, IReport |
| **Operating Systems** | Windows 98/2000/NT/XP |
| **SOA** | Micro Services |

**Professional Experience**

**Edward Jones Advisory Solutions, Remote Jan 2023 – Present**

**Sr. Java Developer**

Edward jones is dually registered broker-dealer and investment adviser. Edward Jones Advisory Solutions is wrapping fee program that provides investment advisory services for an asset-based fee. Depending on a Client’s minimum investment, a client can select Fund Models, which invest in affiliated mutual funds, unaffiliated mutual funds and exchange-traded funds(ETFs).

Edward Jones is a prominent financial services organization with a strong emphasis on technology-driven solutions. It offers a dynamic environment for Java developers to create innovative software systems, contributing to the firm's commitment to delivering cutting-edge financial services.

**Responsibilities:**

* Developed and maintained server-side applications using **Java** and **Spring boot**.
* Wrote clean and optimized code to ensure high performance.
* Designing and implementing efficient and scalable database structures.
* Collaborated with cross-functional teams to define and implement backend functionalities.
* Optimized application performance and scalability.
* Conducted code reviews and provided feedback to improve code quality.
* Implemented functionalities to track the application performance in Grafana dashboard.
* Worked on fixing defects.
* Experienced working in Kanban project management methodology.
* Written Junit test cases to increase the code coverage for overall application.
* Documented code and technical specifications for future reference.
* Design roles and groups for users and resources using AWSIdentity Access Management (IAM).
* **Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, optimized volumes and EC2 instances.**
* Responsible for using AWS Console and CLI for deploying and operating AWS services.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Involved in all the phases of SDLC including requirements gathering, design and analysis of the software specifications, development, and customization of the application.
* Involving in requirements gathering, analysis, design, and documentation of the application.
* Worked on back-end web development and design using Java/J2EE applications **(Java 1.8, REST Services, Spring Boot, API/Microservices, Maven, Jenkins, Web Services, JIRA, Docker and Kubernetes).**
* Design and development of Microservices using Spring Boot, REST API and document it by using swagger.
* Responsible for developing Microservices using Test Driven Development and Pair Programming in a DevOps environment using Spring Boot.
* **Used Spring Webflux and migrated applications from servlet to reactive API.**
* Used Annotations for Spring DI, Auto wiring and Spring MVC for REST API s and Spring Boot for Microservices.
* Developed CRUD REST API using POST, GET, PUT and DELETE methods.
* Deployed Spring Boot based micro services into Docker container.
* **Developed server-side application to interact with Couchbase NoSQL database using Spring Boot and micro service architecture.**
* Used Rest Controller in spring framework to create RESTful Web services and JSON objects for communication.
* Developed test classes in JUnit and used Mockito for unit testing.
* Used GIT for version control tool for merging branches.

**Environment:** J2EE8, AWS, Kubernetes, Docker,log4j, Notepad++, Intellj IDEA, Maven and Gradle, Spring Boot, Grafana, Jenkins, Git, MongoDB, Data Studio, GitHub desktop.

**AMEX, Remote July 2021 – Dec 2022**

**Project: Network Modernization**

**Sr. Java Developer**

Project Network modernization (NeMo) is an effort to transform the current monolithic batch real time transaction processing systems. Network modernization is an effort to build a new payment network using Cloud Native practices without sacrificing the performance, resiliency and availability provided by today’s systems. This new payment network must also bring about core processing changes reducing the overall time to market for changes by embracing modularity and flexible standards such as protobuf/json messaging.  
  
One of the key goals of the NeMO network is to support single message Authorization and clearing transactions in real-time, while delivering best in class service, data richness and security.

**Responsibilities:**

* Defined vision, goals, strategy, and execution of test automation process.
* Planned, designed, and created a brand-new maven project (from the ground up) for back-end tests using Power Mockito and Behavior Driven Development (BDD).
* Worked on the development and testing of the infotainment module using Agile (SCRUM) methodologies.
* **Design roles and groups for users and resources using AWS Identity Access Management (IAM).**
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, optimized volumes and EC2 instances.
* Responsible for using AWS Console and CLI for deploying and operating AWS services.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Involved in all the phases of SDLC including requirements gathering, design and analysis of the software specifications, development, and customization of the application.
* Involving in requirements gathering, analysis, design, and documentation of the application.
* Worked on back-end web development and design using Java/J2EE applications **(Java 1.8, REST Services, Spring Boot, API/Microservices, Maven, Jenkins, Web Services, JIRA, Docker and Kubernetes).**
* Design and development of Microservices using Spring Boot, REST API and document it by using swagger.
* Used version control Git and Rally for tracking work in agile workplace.
* Responsible for developing Microservices using Test Driven Development and Pair Programming in a DevOps environment using Spring Boot.
* Used Spring Webflux and migrated applications from servlet to reactive API.
* Used Annotations for Spring DI, Auto wiring and Spring MVC for REST API s and Spring Boot for Microservices.
* Developed CRUD REST API using POST, GET, PUT and DELETE methods.
* Deployed Spring Boot based micro services into Docker container.
* Developed server-side application to interact with Couchbase NoSQL database using Spring Boot and micro service architecture.
* Used Rest Controller in spring framework to create RESTful Web services and JSON objects for communication.
* Vert.x Kafka client is used to read and send messages from/to a Kafka cluster.
* **Interacted with Kafka using Apache Kafka, spring cloud and created Topics and Consumer Groups.**
* **Okta is used to secure communication between the applications interacted using REST web services.**
* Developed test classes in JUnit and used Mockito for unit testing.
* **Used Cucumber testing framework to write Behavior Driven Development (BDD)** functional test cases.
* Used GIT for version control tool for merging branches.

**Environment:** J2EE8, Spring Boot 2.6, AWS, EC2, VPC, ELB, S3, RDS, IAM, , AWS CLI,Jenkins, Rally, Kubernetes, Docker, Apace Kafka, log4j, Notepad++, Couchbase Database, Okta Single signon, Webflux, Intellj IDEA, Maven and Gradle.

**Missouri Department of Corrections, MOCIS, MO. June 2020 – June 2021**

**Sr. Java Developer**

The Missouri Department of Corrections (DOC) works to make Missouri safer. Throughout the state, DOC has employees who supervise people in institutions and on probation and parole. The MODOC – Information Technology Services Division (ITSD) recognized the need to modernize the MODOC’s offender management system (OPII) which is an iSeries green screen application. Missouri Correctional Integrated System (MOCIS) which will have all the modules in legacy system migrated to open systems-based application.

**Responsibilities:**

* Design, develop software systems and evaluate client’s current business/ technical systems and review business requirements, functional specifications, procedures and problems to automate or to improve existing computer systems for the MOCIS project.
* Analyze, develop and delivery of end-to-end enterprise N-Tier solutions ranging from scripting, middleware and Integration and Enterprise components for an n-tier distributed solution.
* Analyze technical specification and test exhibits and develop of software, building, deploying, and supporting of highly available, distributed, and scalable web services and applications.
* Coordinate with Client in case of any architectural changes or to add new functionality.
* Architect, software module within the frameworks and continuous-integration and build tools (i.e. (**HTML, CSS, JavaScript, jQuery, AJAX, SQL, Web Services, Hibernate and supporting general APIs including but not limited to Java Script Libraries).**
* Maintaining coding standards. Research and development in case of any new technology development.
* Coordinate architectural changes with various programming staff and evaluate new technologies and develop strategies for integration into the application to improve the user interface or performance.
* Design testing methodology/strategy, test data preparation, perform string testing, support testing team in user acceptance testing, and co-coordinating with version control and product Roll-out.
* Perform software functionality analysis, as well as software validation analysis and integration testing. Prepare technical specification and test exhibits. Fix defects, as necessary for the project.
* Developed UNIX shell scripts that the Websphere Administration recycling the application server, deploying customer applications, logs rotation, monitor applications state, etc.

**Environment**: Unix Linux servers, HTML5, CSS3, JavaScript, JSON, JSP, jQuery, J2EE7, Struts2.0, EJB3, Spring 3.1.1, log4j1.2.12, Hibernate3.0, REST, Jersey, Spring Batch, Jasper Reports 4.7, IReport5.1, Eclipse, CVS, IBM WebSphere Application Server 8.5, Ant1.8.1, Notepad++, DbVisualizer8, ACS Client, Beyond Compare3.2.3, Windows8.1, Eclipse, Checkstyle, JIRA.

**MD THINK GOV, MD Nov 2019 – May 2020**

**Project: Child Support Administration**

**Full Stack Java Developer**

DHS administers critical human service programs, including Temporary Assistance for Needy Families (TANF), the Supplemental Nutrition Assistance Program (SNAP), Child Support Enforcement, Child Protective Services (CPS) and Adult Protective Services (APS) through 24 Local Departments of Social Services (LDSS). DHS consists of three administrations which implement Federal and state programs: Family Investment Administration, Social Services Administration, and our Child Support Enforcement Administration.

**Responsibilities:**

* Implemented Java technologies and designed web services infrastructure.
* Developed integration modules for disparate clients using **Apache Camel**.
* **Developed Java modules with Agile and other standard methodologies.**
* Participated in published web services and scope requirements gathering.
* Designed and implemented object-oriented programs and modules.
* Designed and implemented customized exception handling to handle the exceptions in the application.
* Implemented **Restful Web services** to send order details to downstream systems using **JAX-RS** and **Spring Boot.**
* Developed new libraries with **Micro Services** architecture using Rest APIs, spring boot and AWS cloud environment.
* Implemented **WSO2** security Managed Service deployments in an Amazon Virtual Private Cloud.
* Developed custom **Jenkins** jobs that contained Bash shell scripts utilizing the **AWS CLI** to automate infrastructure provisioning.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Primarily focused on the spring components such as **Dispatcher Servlets, Controllers** and **Model Objects**.
* Implemented the application following the **J2EE** best practices and patterns.
* Developed Business components using Java Objects.
* Designing the front end using HTML5, **Angular6** and CSS as per the requirements that are provided.
* Involved in designing and developing Amazon **EC2**, Amazon **S3**, Amazon **RDS**, Amazon **Elastic Load Balancing** and other services of the AWS infrastructure.
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as **Amazon Web Services (AWS)**.
* Implemented the function to send and receive messages on RabbitMQ synchronously and asynchronously and send JMS  message to Apache ActiveMQ on the edge device.

**Environment**: AWS cloud, Java 1.8, Spring Boot, Apache Camel, HTML5, PostgreSQL, Micro Services, Spring Tool Suite, ActiveMQ , RabbitMQ , JPA, Log4j, Jenkins, Bit bucket Git hub, Maven, DBeaver and Angular6.

**GE Aviation, Detroit, MI. May 2017 – Oct 2019**

**Project: Smartshop - Router Management**

**Sr. Java Developer**

Router Management System is part of GE Smartshop initiative, predix and AWS based web application which is aimed at revamping the way service shop execution is performed at Maintenance, Repair, Overhaul (MRO) service models.

Current process is the lack of a formalized change request form and workload management. Requests would come in from sticky notes, emails, phone calls, and a number of other places. New router management system allows requests to be gathered and managed easily based on predix cloud platform.

**Responsibilities:**

* **Designed application modules, base classes and utility classes using core java.**
* Designed and implemented customized exception handling to handle the exceptions in the application.
* Implemented **Restful Web services** to send order details to downstream systems using **JAX-RS** and **Spring Boot.** .
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Primarily focused on the spring components such as **Dispatcher Servlets, Controllers** and **Model Objects**.
* Implemented the application following the **J2EE** best practices and patterns.
* Developed Business components using Java Objects.
* Implemented **Singleton, Service Locator design** patterns in MVC framework and developed command, delegate, model action script classes to interact with the backend.
* Designing the front end using HTML5, AngularJS and CSS as per the requirements that are provided.
* Used AngularJS mark-ups for developing the front end of the application.
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as **Amazon Web Services (AWS)**.

**Environment**: Spring Boot, HTML5, PostgreSQL, Spring Tool Suite, JPA, Predix cloud, Log4j, Jenkins, Git hub, Gradle, ReactJs and AngularJS.

**IFC World Bank Group, Washington, DC Nov 2015 – Apr 2017**

**Project: Advisory Services Operational Portal**

**Sr. Java Developer**

The Advisory Services Operational Portal is an integrated and interactive IFC application that supports the management of IFC Advisory Services projects in accordance with the Procedure on Advisory Services Project Governance. The AS Operational Portal facilitates the storage of AS project data, project templates, and their associated review and approval processes. All information and supporting documentation about IFC Advisory Services projects should be stored in the AS Operational Portal.

**Responsibilities:**

* Implemented **Restful Web services** to send order details to downstream systems using **JAX-RS, JAXB** and **Spring.**
* Designed application modules, base classes and utility classes using **core java.**
* Designed and implemented **customized exception handling** to handle the exceptions in the application.
* Involved in developing code for obtaining bean references in spring framework using **Dependency Injection (DI)** or **Inversion of Control (IOC)** using annotations.
* Primarily focused on the spring components such as **Dispatcher Servlets**, **Controllers** and **Model** Objects.
* Implemented the application following the **J2EE** best practices and patterns.
* Developed Business components using **Java Objects**.
* Developed use case diagrams, class diagrams, database tables, and provided mapping between relational database tables and object-oriented java objects using **Hibernate**.
* Implemented **Singleton, Service Locator** design patterns in MVC framework and developed command, delegate, model action script classes to interact with the backend.
* Implemented **Maven Script to create JAR, WAR, EAR & dependency JARS** and deploy the entire project onto the **JBoss** Application Server
* Implemented **Model View Controller (MVC)** Architecture and coded **Java Beans** (as the model)
* Implemented version controlling using **TFS**.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing.
* Deliver new and complex high-quality solutions to clients in response to varying business requirements.

**Environment**: Restful Web services,HTML5, Jdk 1.7, Spring 2.5/3.0, Eclipse Kepler, JBoss Application server 6.x., JDBC Template, TFS, Log4j, Oracle10g, TOAD, UNIX and Maven.

**AMEX, Phoenix, AZ Apr 2014 – Oct 2015**

**Project: Online Merchant Services**

**Java Developer**

Online Merchant Services (OMS) is an internet-based product from American Express that offers a convenient way to manage your merchant account 24 hours a day. Online Merchant Services allows you to access easy-to-use account management features at any time. It gets an upfront view of your Payments, Disputes, and Account Management information and customizes it to your liking. You can view and manage your payments online at any time. Instead of having to wait by the mailbox, you’ll receive your E-Statement via e-mail once a month.

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle** including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Deliver new and complex high-quality solutions to clients in response to varying business requirements.
* Utilize in-depth knowledge of functional and technical experience in **Java/J2EE** and other leading-edge products and technology in conjunction with industry and business skills to deliver solutions to customer.
* Designed application modules, base classes and utility classes using **core java.**
* Designed and implemented **customized exception handling** to handle the exceptions in the application.
* Involved in developing code for obtaining bean references in spring framework using **Dependency Injection (DI)** or **Inversion of Control (IOC)** using annotations.
* Used **spring** validation and wrote validation rules.
* Primarily focused on the spring components such as **Dispatcher Servlets**, **Controllers**, **Model** and **View** Objects.
* Implemented the application following the **J2EE** best practices and patterns like **Singleton, Factory, Session Façade, MVC and DAO.**
* Developed Business components using **Java Objects** and used **Hibernate** framework to map the Java classes to the database.
* Implemented **Singleton, Service Locator** design patterns in MVC framework and developed command, delegate, model action script classes to interact with the backend.
* Designing the front end using **JSP, jQuery, CSS** and Html as per the requirements that are provided.
* Extensively used **jQuery selectors, events, Traversal** and **jQuery AJAX** with **JSON** Objects
* Developed **Hibernate DAO classes** and with the **spring framework manager** classes retrieve and save the data from the database.
* Hands on experience in creating SOAP and implemented Restful Services
* Used **Spring IOC** framework to integrate with Hibernate.
* Implemented **Maven Script to create JAR, WAR, EAR & dependency JARS** and deploy the entire project onto the WebSphere Application Server
* Implemented **Model View Controller (MVC)** Architecture and coded **Java Beans** (as the model).
* Developed payment flow using AJAX partial page refresh, validation, and dynamic drop-down list.
* **jQuery library** has been used for the creation of powerful dynamic Web Pages and web applications by using its advanced and cross browser functionality.
* Implemented **Web services** to send order details to downstream systems using **JAX-RS, JAXB, and Spring.**
* Hands on experience in creating SOAP and Implemented Restful Services
* Implemented version controlling using **SVN**.
* Implemented **log4j** for logging purposes and debug the application.
* Designed an **automated** module for performing repetitive tasks like checking URL status / response time etc.
* Designed and developed the application presentation layer using **JSTL**.
* Prepared **Junit** test cases and executed the test cases using **Junit** in eclipse.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing.
* Supported the application during the warranty period.

**Environment**: Jdk 1.6, JAXB, JAX-RS, Struts1.3.8, Spring 2.5/3.0, Struts tiles, struts taglibs, Eclipse 3.5, Websphere Application server, JSP 2.0,JQuery 2.0, Servlets, JDBC, SOAP, Restful Services, Hibernate 3.3.x, XML, XSLT, CSS, DOM, SVN, Log4j, Oracle10g, TOAD, UNIX, Ant 1.8.

**AMEX, Chennai, India June 2010 – Mar 2014**

**Project: Commercial Card Local Reporting**

**Java Developer**

Global Network Services is committed to deliver the products and services that enable AMEX partners to grow and build upon the American Express brand. The GNS Commercial Payment Solution Business is seeking to enrich the product portfolio offered to AMEX partners through a new local reporting solution. GNST will address this need by providing dynamic reports through an online dashboard driven portal.

**Responsibilities:**

* Involved in the complete SDLC for multiple applications (individual projects).
* Designed, developed, debugged, and tested the web-based application using the **J2EE architecture.**
* Performed **Application Demo’s** to the end clients.
* Developed **WS-Security based Web Services** to interact.
* Understanding and analyzing business requirements.
* Designed and developed the User Interface using JSP, Servlets and Java for both Business Logic and GUI development.
* Implemented client-side data validations using **JavaScript** and Server-side data validations.
* Developed & deployed the application in **Web sphere Application Server.**
* Involved in the **design** and **development** of **XML presentation**.
* Created **XML Schema, XML template** and **XSL**.
* Involved in the design and development of **XML presentation** using **CSS & XSLT**.
* Formulated Use Cases for each business requirement and normalized the use cases to suit the requirements.
* Implemented the business layer by using Hibernate with Spring DAO and developed mapping files and POJO java classes using ORM tool.
* Created, configured, and maintained Weblogic managed servers.
* Developed shell scripts to automate the maintenance process of the Web Logic and recover the backed-up Web Logic configuration.
* Took Thread Dumps when any issues come in web logic, and I used to analyze the thread dumps and used to communicate with developers to solve the issues.
* Configuring and Maintaining the Web logic and CSS Load balancing Clusters.
* Monitor the Web logic Execute Queues, JMS Queues.
* Monitoring idle thread count, garbage collection, EJB Beans and JDBC pools on Web logic Server
* Used JSP for presentation layer, developed high performance object/relational persistence and query service for entire application utilizing Hibernate.
* Developed use case diagrams, class diagrams, database tables, and provided mapping between relational database tables and object-oriented java objects using **Hibernate.**
* The **UML** use case designs are developed using Rational Software Architect v7.0/6.0.
* Developed **SQL, PL/SQL** with **Stored Procedures** to interact with Persistent database using **Oracle 10g.**

**Environment:** J2EE1.4/1.5/1.6, J2SE 1.4/1.5/1.6, Java, JSP, JavaBeans, Java Script, JQuery, StrutsV1.x, XML, XSLT, Web Sphere Integration Developer, Web Logic, Web Sphere Application Server (WAS) 6.1/6.0, TomcatV6.0, DB2v9.1, SQL Query Analyzer, SQL Server 2005/2000.

**HSBC, Mumbai, India Nov 2007 – Dec 2008**

**Project: Kastle Universal Lending Solution**

**Java/J2EE Developer**

Triton, specially designed for organizations seeking retail-banking solutions, is a sophisticated suite of web-based customer acquisition and channel partner management products for the financial services industry. TRITON has got varied flexibility features that make it stand apart from other retail banking solutions providers. It’s one of the most profitable Banking Products available from HSBC Bank.

**Responsibilities:**

* Provided technical guidance to business analysts, gathered the requirements, and converted them into technical specifications/artifacts.
* Implemented Spring **MVC** architecture and Spring Bean Factory using IOC and AOP technologies.
* Implemented the business layer by using **Hibernate** with **Spring DAO** and developed mapping files and **POJO** java classes using ORM tool.
* Implemented caching techniques, wrote POJO classes for storing data and DAO's to retrieve the data and did other database configurations using Hibernate.
* Developed stored procedures, Triggers and Functions to process the trades using **PL/SQL** and mapped it to Hibernate Configuration File and established data integrity among all tables sitting on Oracle Database.
* Designed and developed Customer registration and login screens using **JSP, HTML/DHTML** and **JavaScript**.
* Developed web pages to display the account transactions and details pertaining to that account using JSP, DHTML, Struts Web Flow, **AJAX,** and **CSS**.
* Wrote application front end with HTML, JSP, Ajax, custom JSP tags for role-based sorting and filtering and used JavaScript validations to validate the fields of the user registration screen and login screen.
* Used jasper reports for generating customer reports.
* Configured **Struts** to manage Action classes and set their dependencies in a Strutsconfig file.
* **Servlets** are used to service requests from UI to manipulate Business Objects and invoke respective Action Classes for making database updates.
* Used **log4j** for tracking errors and debugging the code.
* Wrote build deployment scripts using **ANT, shell scripts** on UNIXenv and deployed the application in **WebSphere App Server**.
* Developed Messaging framework for Asynchronous service using **IBM MQ**.
* Involved in implementing Branching Methodology Plan and performed Check-in/ Checkout in Subversion.
* Developed various activities like transaction history, search products that enable users to understand the system efficiently.
* Involved in unit testing and system testing and responsible for preparing test scripts for the system testing.

**Environment:** Java**,** J2EE, Servlets, JSP, JDBC, JNDI, Struts XML, HTML/DHTML, IBM MQ, AJAX, WebSphere, JUnit, and Oracle.