**Avinash**

**516-342-4224**

[**rakavinash@gmail.com**](mailto:rakavinash@gmail.com)

**Sr. JAVA- JEE & Full Stack DEVELOPER**

Skilled, accomplished software developer with over 8 years of experience in a hands-on development environment, with key involvement in all stages of the software development lifecycle specialized in object oriented programming analysis with extensive full Software Development Lifecycle (SDLC) experience in Application Software Specifications, **Design, Development, Testing and debugging, Maintenance**. Demonstrated contributions to requirements analysis and management, programming, testing, and deployment. Deep knowledge of Agile methodologies and industry IT standards. Excellent communicator working with team members, customers, and stakeholders to drive project delivery. Talented problem solver with strong analytical abilities.

**SUMMARY:**

* Over **8 years** of experience in analysis, design, implementation and testing of Object Oriented Applications in Client/Server environments using Java/J2EE.
* Expertise in design and development of various web and enterprise-level applications using **Java/J2EE** technologies like **Spring**, **Hibernate**, **XML**, **Strutsframework**, **EJB**, **JSF**, **JSP**, **JQuery**, **Swing**, **JavaScript**, **Ajax**, **JDBC**, **JMS**, **EMS**, **JavaBeans** and **Servlets**.
* Strong experience in implementing **Service oriented architecture** and **Web Services** using **SOAP**, **RESTFUL**.
* Developed web applications by implementing **Model View Control (MVC)** architecture and considerable experience in various **front-end** technologies.
* Experienced in frameworks: **Jakarta struts framework**, **JSF**, **Spring** and **Hibernate**.
* Experience working with Service Oriented Architecture, which includes Universal
* 5Description and Discovery Integration (**UDDI**) lookups and Web Services Description Language (**WSDL**) using **SOAP** protocol.
* Expertise in **XML** technologies such as **DTD/Schemas, DOM, SAX** and **XSLT**.
* Expertise in back-end/server side java technologies such as: **Web services, Java persistence API(JPA), Java Messaging Service(JMS), Java Data base Connectivity (JDBC), Java Naming and Directory Interface (JNDI).**
* Proficient in deploying applications in **WAR, JAR**, and **EAR** formats
* Experience working with persistence framework like **Hibernate/JPA** for mapping Java classes with database and using **Hibernate Query Language (HQL)**.
* Strong experience in using **AJAX, JSTL, Struts Tag Libraries, Tiles, HTML5, JavaScript, CSS, Java Server Pages (JSP)** for designing front end.
* Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers.
* Extensive experience in developing GUI using **HTML**, CSS, JQuery, **Java** Script, EXT JS, DOJO and AJAX.
* Strong front-end **UI** development skills using scripting languages like **HTML5**, **CSS3, JavaScript**, **JQuery**, **AJAX**, **JSON**, **Ext** **Js, Angular Js, DOM**, **JSP**, **JQuery** **Plug-ins.**
* Experience in Integration of Amazon Web Services AWS with other applications infrastructure.
* Experienced in developing **UNIXshell scripts** for batch processing.
* Experience working with various **SDLC methodologies** like **Agile Scrum**, **RUP** and **WaterFall Model**.
* Strong experience and knowledge of **HDFS, Map Reduce and Hadoop ecosystem components like** **Hive, Pig, Sqoop, Oozie, and Flume, NoSQL databases like Cassandra.**
* Experienced in writing **complex SQL queries, procedures**, **Triggers** and **Stored Procedures** in various databases such as **Oracle**, **DB2** and **MySQL**.
* Experienced in Development, testing and deployment of enterprise applications on **Windows**&**UNIX** platforms using IDE's such as **Eclipse**, **Rational Application Developer (RAD)** and **Netbeans**.
* Experience in using different version controlling/tracking systems **Subversion**, **CVS**, **GIT**, **Rational Clear Case**.
* Experience in Integration tools Oracle SOA Suite/BPEL/Fusion Middleware, web-methods, Vitria and **Apache CAMEL.**
* Expertise in **Web Services** architecture in **SOAP**, **REST**and **WSDL** using **JAX-WS/JAX-RPC**.
* Experienced in working with multiple databases like **Oracle 10/11g**, **SQL Server**, **MySQL**
* Taken care of complete **Java Multi-Threading** part in back end components
* Experienced in performing unit testing using **JUnit**, integration and deployment of applications using tools such as **ANT** and **Maven**& debugging through **log4j**.
* Used various **Ajax/JavaScript** framework tools like **Java Script, jQuery, JSON.**
* Experience in document preparation including **Requirement Specification**, **Analysis,design documents**, **Test cases** and **User Training documents** and **Technical Help documents**.
* Experienced in working with **E-Commerce** software systems.
* Hands on experience in writing light weight**Node.js express**server, and using technologies like **Ajax**,**JavaScript/jQuery**, **JSON** to make connections between server and databases like **MongoDB** and **MySQL**
* Excellent verbal, written communication and presentation skills, problem solving and conflict resolution skills.

**Technical Skills:**

|  |  |
| --- | --- |
| Programming Languages | Core Java, J2EE, C, C++, PL/SQL |
| Java/J2EE Technologies | STRUTS, Servlets, JSP 1.2/2.0, JMS, JSF, NoSql, Ext.JS |
| Web Development | HTML5, DHTML, XHTML, CSS, JavaScript, JQuery, Angular Js, AJAX, ReactJs, Ext JS |
| Frameworks | Struts 1.x/2.x, Hibernate, Spring 2.5/3.0 |
| XML/Web Services | XML, XSD, WSDL, SOAP, Apache Axis, DOM, SAX, JAXP, JAXB, XMLBeans |
| Messaging Technologies | JMS |
| Application/Web Servers | IBM WebSphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x/7.x, JBOSS 4.x/3.x |
| Databases | Oracle 8i/9i/10g/11g, Mongo DB, SQL Server 2000/2005 |
| IDEs | Eclipse 3.6, NetBeans, JBuilder, RAD,Microsoft Visual Studio 2010. |
| Build Automation | Ant, Maven |
| Testing and Logging Frameworks | JUnit, Log4J |
| Reporting Tools | Crystal Reports 11 |
| Tools | Rational Rose, Microsoft Visio, XML Spy, TOAD,AWS |
| Operating Systems | Windows, Unix and Linux. |

**PROFESSIONAL EXPERIENCE:**

**Guide one Insurance, IA Sep ’14 - Present**

**Role: Sr. Java/J2EE Developer**

**Project: Online Insurance Management**

**Description:** Guide one Insurance is one of the largest property and casualty insurance company in the United States. It offers a wide range of insurance products and services. This project was a Web Based Application Development for the auto insurance consumer’s .New Customers can receive the online auto insurance quotes for their vehicles and existing customers have complete access to renew their subscription, manage their accounts, claim their insurance claims. They can completely manage their account online.

**Responsibilities:**

* Developed the application using **Spring Framework** that leverages classical **Model View Layer (MVC) architecture**. **UML diagrams** like **use cases,** class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.
* Worked in an **Agile** work environment with Content Management system for workflow management and content versioning.
* **Designing, Development, JUnit testing** and **Integration** of many components of the applications from end-to-end.
* Involved in **designing user screens** and validations using **HTML 5**, **jQuery** as per user requirements.
* Involved in developing code for obtaining bean references in spring framework using **Dependency Injection (DI)** or **Inversion of Control (IOC)** using annotations.
* Extensively used **Hibernate** in data access layer to access and update information in the database.
* Implemented various design patterns in the project such as Data Access Object, Data Transfer Object, **Business Delegate, Session Facade, Service Locator and Singleton.**
* Involved in the database retrieval and connections establishment to the **Oracle** Server database
* Wrote corresponding one-one **REST** methods to implement respective change requests (change appliers)
* Used **Hibernate, object/relational-mapping (ORM) solution** and technique of mapping data representation from **MVC model** to Oracle Relational data model with an SQL-based schema.
* Implemented **Spring Integration** message framework.
* Implemented the **Web Service** client for the login authentication, credit reports and applicant information using **JAX-WS 2.0** and **Apache Axis 2**.
* Developed Interactive web pages using **Angular JS, HTML5 , CSS3 and JavaScript.**
* Worked on **Websphere Application Server**.
* Designed and implemented software and system layout for running Trucentrix on in-house and Amazon **AWS** cloud platforms.
* Worked on **Ext JS** for user interface widgets with High performance scalable grids, trees and menus.
* Used **Web services** (**SOAP, Rest**) for transmission of large blocks of XML data over HTTP.
* Implemented **Spring ORM** with **Hibernate** taking advantage of Java features like annotation metadata, auto wiring, and generic collections that is used to implement the DAO layer with Hibernate Entity manager’s Session Factory, HQL, and SQL.
* Created continuous integration builds using Ant **Jenkins**. And deployed on WebSphere app server.
* Involved in testing the **JMS** integration between queues and topics using **GEMS.**
* 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 **Weblogic** Application Server.
* Used **GIT** for version control.
* Used **XML Web Services using SOAP** protocol to transfer the amount to other application that is remote and global to different financial institutions. Used **SoapUI** for web service testing.
* Monitored the error logs using **Log4J** and fixed the problems.
* Designed and developed the UI using Struts view component, JSP, HTML 5 , CSS 3 , Angular JS

JavaScript, AJAX, JSON, React JS, Apache Camel.

* Prepared **Junit** test cases and executed them using **Junit** and used Karma.js/Jasmine.js for UI Testing.

**Environment: JDK 1.7, J2EE, Core Java, Eclipse 4.2 Juno, Maven 3.0, Spring 3.5, Hibernate, RESTful Web Services,SSO, Windows OS,WebSphere Application Server,Log4J, ReactJs, Ext Js, HTML5, Soap UI, Jenkins, Servlets,Oracle, XML, UML, AJAX, Git, DOM, DHTML, Angular Js, AWS, Junit 4.4, UNIX, Agile Scrum.**

**ALLIED MORTGAGE & REALTY, CORP June '13 – Aug'14**

**Role: Sr.JAVA/J2EEDeveloper**

**Project: Expense Reimbursement System (ERS)**

**Description:** Allied Mortgage Group has two way to serve customers, directly they gives a loan to consumer, or they serve as third parties such as financial planners, brokers through to similar lending platforms. The project was aiming at loading data among different database, and redesigning their database according to new requirements for performance optimization.

**Responsibilities:**

* Co-ordinate activities between infrastructure, testing, development and program management.
* Deployed jar, war files in the **WebSphere** Application Server**.**
* Developed **Hibernate DAO classes** and with the **spring framework manager** classes retrieve and save the data from the database.
* **JQuery library** has been used for creation of powerful dynamic WebPages and web applications by using its advanced and cross browser functionality.
* Used **JavaScript** validations to validate at the client side.
* Used **Spring Framework** for Dependency Injection and integrated it with the **Struts Framework** and **Hibernate**.
* Created the **Node.js EXPRESS** Server combined with **Socket.io** to build **MVC framework** from front-end side **Angular JS** to back-end **MongoDB**, in order to provide **broadcast** service as well as **chatting** service
* Designed and developed the **UI** using spring view component, **JSP, HTML, CSS** and **JQuery**.
* Used the **Struts Validation** and **Tiles Framework** in the presentation layer.
* Implemented the application using Jakarta **Struts Framework**, which is based on **Model View Controller design pattern**.
* Implemented the template-based categorization of presentation content using **Struts-Tiles. MVC** implementation using **Struts** framework.
* Worked on **Db2** Databases and wrote **SQL** queries as well as stored procedures for the application.
* Performed unit testing using **Junit** framework and used Struts Test Cases for testing Action Classes.
* Worked on **SOA Web Services** using **SOAP** for transmission of large blocks of **XML** data over **HTTP**.
* Worked with NoSql Databases like Apache Cassandra, Mongo DB.
* Used **Maven**, **Nexus** and **Jenkins** to automate the build and deploy process.
* Used Rational Clear Case and Clear Quest for version control.
* Responsible for developing **use cases**, class and **sequence diagram** for the modules using **UML** and **MS Visio** and handled all the documentation required for each of the projects from onsite perspective.
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure
* Active participation in process oriented tasks related to project involving change management, delivery management and implementation management.
* Performed code reviews and mentored junior developers.
* Used **JMS** for MQ Messaging.
* Worked as **onsite coordinator** managing the deliverables interacting with offshore team and Client Business teams.

**Environment:Core Java (JDK 1.6), J2EE, Spring, Struts 2 MVC, Hibernate, JMS/MQ, Websphere Application Server (WAS)7.0, RAD IDE, JavaScript, AWS,Angular Js, Mongo DB, Jenkins, HTML5, NoSql, Shell and Perl scripts, NoSql, JQuery, DB2 9.5, UML, JAXB, Unix, , Junit, XML, Windows OS, HTML, FTP, SSH.**

**LexisNexis Risk Solutions, Alpharetta, GA Nov ’2012 - May' 2013**

**Role: Sr. Java/J2EE Consultant**

**Project: TPA**

**Description**

LexisNexis Risk Solutions is providing essential information to help customers across industry and government assess, predict and manage risk. The Identity Management (IDM) web application interacts with the core IDM system BLS for the purpose of making Instant Verify, Instant Authenticate, Credit Card Account Verification, and Survey available to its customers.

**Responsibilities:**

* Involved in the Analysis, Design, Coding, modification and implementation of user requirements in the online banking automation application.
* Provided production support for the application.
* Developed an integrated interface to diverse banking and investment legacy systems to facilitate customer service.
* Developed web application based on **J2EE Struts framework**. Developed the front-end using **Java Swing** (involved UI design, user generated event handling, incorporation of underlying functionalities as per the laid down specifications) and also involved in incorporating business logic.
* Creating procedure and fine tuning the existing procedure to handle huge amount of transaction.
* Interacting with business analyst for preparing business requirement.
* Developed Business requirements by using use case and sequence diagram for the application.
* Reviewed code and encouraged developers to use key design patterns, such as **façade, singleton**, **factory, command, proxy, strategy, decorator**, etc.
* Created an **XML** configuration file for **Hibernate** -- Database connectivity.
* Configured **Hibernate** objects as Spring Beans in the Spring Configuration File.
* Configured the **Hibernate configuration** files to persist the data to the **Oracle 9i 10g Database**.
* Created connections to database using **Hibernate session Factory**, using **Hibernate APIs** to retrieve and store images to the database with Hibernate transaction control.
* Implemented persistence layer using various features of **Hibernate framework** like **HQLqueries**, Criteria etc.
* Worked with NoSQL database MongoDB and worked with it t perform many different operations
* Implemented as well as exposed web services using **Apache Axis** and **JAX-WS**.
* Implemented Restful web service with the use of **URI templates** and **content negotiation**.
* Defined persistent classes that are mapped to database tables based on the analysis of the business domain.
* Followed **Test Driven Development** (TDD), Scrum concepts of the Agile Methodology to produce high Quality Software.
* Created display tag to generate database driven reports.
* Created interactive reports by using **DHTMLX** for Sales Department.
* Created complex cross tab report for Purchasing Department.
* Bug fixing and 24-7 production support.
* Involved in integration testing and deployment of the module as part of the overall application.

**Environment: Java, J2EE, Servlets, Struts(MVC), Spring Framework, Swing, Hibernate 3.0, WebSphere 6.0, Eclipse IDE, JSF, JSP, JPA, JDBC, EJB, HTML, JavaScript, Websphere MQ Series, DHTML, Web services, CSS, JQuery, SOAP, WSDL, JDK 1.5, Mongo DB, Agile, SQL, JDeveloper, JUnit, Win NT & UNIX.**

**PepsiCo Inc, Chicago, IL Jan '12- Sep '12**

**Role: Java/J2EE Developer**

**Project: Open System E-Commerce**

**Description: Open System** (Secondary Commerce application management) is an Web-application developed at the Pepsico to maintain the on-line E-commerce for all products within departments across the world (data and relations ships between), where they sell all the goods online with vendor’s and consumers.

**Responsibilities:**

* Designed Use Case and Sequence Diagrams according to **UML** standard using **Rational Rose**.
* Implemented **Model View Controller** (MVC-2) architecture and developed Form classes, Action Classes for the entire application using Struts Framework.
* Performed client side validations using **JavaScript** and server side validations using in built **Struts Validation Framework**.
* Implemented the data persistence functionality of the application by using **Hibernate** to persist java objects to the relational database.
* Used **Hibernate Annotations** to reduce time at the configuration level and accessed **Annotated bean** from **Hibernate DAO layer.**
* Used **HQL statements** and procedures to fetch the data from the database.
* Transformed, Navigated and Formatted **XML** documents using **XSL, XSLT**.
* Used **JMS** for asynchronous exchange of message by applications on different platforms.
* Developed the view components using **JSP, HTML, Struts Logic** tags and Struts tag libraries.
* Involved in designing and implementation of **Session Facade, Business Delegate, Service Locator** patterns to delegate request to appropriate resources.
* Used **JUnit** Testing Framework for performing Unit testing.
* Deployed application in **WebSphere Application Server** and developed using Rational Application Developer RAD.

**Environment: Struts 2.0, Hibernate 3.0, JSP, RAD, JMS, CVS, JavaScript, XSL, XSLT, Servlets 2.5, Websphere Application Server, Oracle 10g.**

**Intellectechs, Virginia Beach, VA Mar '11 – Dec '11**

**Role: Java J2EE Developer**

**Project: TrackIt**

**Description:**  TrackIt, an issue & time tracking system which allows the clients to report an issue with service provided by company like system outage, an application error etc., Issues will be assigned to support staff which can be tracked by the client and the management so as to see how many billable hours spent to charge the clients.

**Responsibilities:**

* Involved in the **Requirements collection & Analysis** from the business team.
* Created the design documents with **usecase diagram, class diagrams, sequence diagrams** using **Rational Rose.**
* Implemented the MVC architecture using Apache **Struts1.2** Framework.
* Implemented **Action Classes** and **server side validations** for account activity, payment history and Transactions.
* Implemented views using **Struts tags, JSTL2.0** and **Expression Language**.
* Implemented **Tiles Framework** for the **views layout**.
* Implemented **session beans** to handle **business logic** for fund transfer, loan, credit card & fixed deposit modules.
* Worked with various java patterns such as **Service Locater** and **Factory Pattern** at the business layer for effective object behaviors.
* Worked on the **JAVACollections** API for handling the data objects between the business layers and the front end.
* Worked with **JAXB**, **SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web service's request response data marshalling as well as unmarshalling process. .
* Implemented the **web services** client to consume the third-partyservice API for validating credit cards. Used **XMLWeb Services** using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report.
* Developed **Unit test cases** using **JUnit.**
* Developed **ant scripts** and developed builds using **Apache ANT.**
* Used Log4J to capture the log that includes runtime exceptions.
* Used **Clear Case** for **source code maintenance**.

**Environment: J2EE, Java, Struts, Tiles, JSP, JNDI, Clear Case, SOAP, WSDL, UDDI, JAXB, JAXP, XML Schema (XST),EJB 2.0, ANT, Javascript, JMS, Rational Rose, WSAD, DB 2.**

**Matrix Capital Markets Group, VA Oct '10– Feb'11**

**Java/J2EE Consultant**

Matrix Capital Markets Group is an investment bank dedicated to providing Merger and Acquisition (M&A) advisory services to middle market companies nationwide and internationally, it is one of the largest financial service organizations. Their major business is Financial Restructuring; company core practice remains focused on advising owners of (Basic Manufacturing, Distribution, Service and Retail Businesses) companies that are simply operationally or financially distressed.

**Responsibilities:**

* Involved in the design and review of Design document using **UML** Diagrams to create sequence diagrams, class diagrams and class descriptions using **MSVisio**.
* The application uses the **HTTPprotocol** to retrieve**XML**documents from Webmail Direct that represent the requested data in the **XML**format. The application was designed and developed using**Java**.
* Used Model-View architecture with the use of **JSP’s** and **Struts** to maintain proper flow of the program.
* XML file parsing was implemented in this admin tool for the data that was in **XML** format and **JDBC** for oracle connectivity.
* Used **JDBC**-API to communicate with **Database**.
* Developed **SessionBeans** for maintaining state of the user sessions.
* Designed and developed the session module using **J2EE** for existing cold fusion application.
* Written **databasestoredprocedures** and triggers for data manipulation.
* Administration of **IBMWebSphere** 5.0.
* Analyzed customer requirements for enhancements and designed User Interface using **HTML** and heavy **java script**.
* Developed **ANT** build scripts to build and deploy application in enterprise archive format (.**ear**).

**Environment: : Java, J2EE, Java Script, Servlet’s, Struts1.1 , JSP, XML, DOM, HTML, JavaScript, PL/SQL, JDBC, Sybase, WSAD 5.0., Web Services, JAX-RPC, Eclipse Plug-ins, Solaris Shell Scripting.**

**Orpine Systems, India July '07– Sep'10**

**Role: Java J2EE Developer**

**Description:The objective of this import busin**ess project is to construct a method that will automate the approval process required before the request is sent to the supplier.

**Responsibilities:**

* Worked in **Agile project methodology** and delivering the accepted functionality in each sprint and ensuring that the **business logic** is compatible to various other components in the **E2E** journey.
* Involved in the **design** and **development** of different modules of application.
* Involved in multi-thread**Spring** architecture design.
* Actively involved in the performance analysis of the application. **Jprofiler** is used to analyze the performance of live application.
* Worked on **database packages**, procedures, functions, **PL/SQL** to code the background processes involved in application.
* Interacted with other external components and ensured that the end-to-end functionality is working as expected.
* Providing quick resolution for the issues that are faced in production.
* Weekly meetings with Product Manager and Business Analyst to check on status of release, technical interpretation of future requirements and enhancements.
* Involved in development of **User Interface** for other components for them to interact with and dynamically created and managed the **HTML** forms, **Javascriptvalidations, page flow, templates,** path configurations.
* Worked with Senior Architect in reducing the Heap memory utilizations & memory leaks that degrades the system performance and also leads to server crashes.

**Environment:Java, JSP, Servlets, BEA Weblogic, Spring Framework, JMS, Oracle, JProfiler, JProbe, HP Jmeter, Eclipse, MAT, EHCache, Junit, ANT, Apache Tomcat.**

**EDUCATION:** Bachelor of Technology in Computer Science Engineering from JNTU University India.