**Meghna**

Email: [**krohith@dyntechinc.com**](mailto:krohith@dyntechinc.com) **+1-520-282-5080**

* 8+Years of extensive experience as a Java J2EE Developer in Object Oriented Development, implementation and maintenance of web and distributed Enterprise applications for **Banking, Healthcare, Airline, insurance and Mortgage** organizations. Developed web-based applications using technologies CoreJava, J2EE (Servlets, JSP, JSF, EJB, Hibernate, Spring, Struts, JDBC, JMS) and XML,iBATIS, Web Services (SOAP, REST), E-Commerce, Micro Services.
* Involved in the Software Development Life Cycle **(SDLC)** phases which include **Analysis, Design, Implementation, Testing** and **Maintenance.**
* Developed UI modules using **AngularJS, Vue.js, Node.js, Ajax, A, jQuery, Cordova, CSS3** and **HTML5**.
* Developed ANT scriptsand used MAVEN tool to build and deploy J2EE Applications.Experience with **Gradle** and Logging tools like **Log4J** and **Splunk.**
* Proficient in using **Amazon Web Services (AWS).** Extensive experience focusing on services like **EC2, Elastic Beanstalk, CloudWatch, CloudFront, Cloud FormationIAM RDS, ElastiCache, S3, SQS, SNS, AMI.**
* Experience with various J2EE design patterns like **Singleton, Factory, Command, Observer, Front Controller, DAO, DTO, MVC, Session Facade, Business Delegate, Transfer Object, Service Locator,** and **View Object** in the development of enterprise applications**.**
* Developed applications using latest technologies **like Spring 3.x/4.x, Hibernate3.2/4.x, REST** based Web services **(Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG)**,**jBPM** tools.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like**Cassandra, MongoDB**and **CouchDB**
* Extensively implemented web services using **RESTful** technologies like JSON.
* Experience in working with web servers like **Tomcat 8, WebSphere 8.0, JBoss 7.1.0, Jetty** and **WebLogic 10.0**.
* Experience in creating **Docker** images, Containers, push/pull and integrating with **Spring Boot**
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iteration methodology, Agile Development**&**Testing using Software Development Life Cycle.** Proficient in using **Amazon Web Services (AWS).**
* Experience with **Maven, CICD-Ant, Gradle, Hudson, Jenkins, CVS, Git, GitHub.**
* Experience in testing with **JUnit Framework using Mockito** and **Easy Mock, JMeter,Spring Junit Runner.**
* Strong understanding and excellent skill in developing, designing, professional, Ajax driven elegant enterprise webapplicationusing**Ajax,Flex**,**ActionScript**and**JavaScript,CSS,HTML**,Custom**TagLibraries, JQuery, JSF, Dojo, ExtJs** and various java design patterns.
* Strong experience in Spring Framework modules such as **Spring MVC, AOP, IOC, JDBC, JTA, IO, Spring Boot, Spring Dashboard,Spring Microservices,Spring Eureka,Spring REST Spring Ribbon, Spring Zuul Proxy,Spring Netflix.**
* Developed UI modules using **AngularJS, Node.js, Ajax, jQuery,JavaScript, Cordova,Vue.js CSS3** and **HTML5**.
* Experience in database modeling, design and development of **PL/SQL** stored procedures, packages in relational databases:**SQL Server 2005/2008**,**Oracle 11g, DB2, MySQL and PostgreSQL**
* Used **Amazon Web Services (AWS)** a secure cloud services platform, offering compute power, database storage, content delivery and other functionality to help businesses scale and grow.
* Well versed with core Java concepts like **Collections,Remote Method Invocation (RMI), Serialization,Multithreading, Java Beans**.
* Expertise in applying **Java Messaging Service (JMS)** for reliable information exchange across Java applications.
* Highly motivated team player with the ability to work independently and adapt quickly to new and emerging technologies.
* **AREAS OF EXPERTISE**

|  |  |
| --- | --- |
| **Programming Languages** | Java,SQL, PL/SQL |
| **Client Scripting** | Angular JS, JavaScript, Applets, |
| **Server Scripting** | JSP1.2/2.1, Servlet, JSTL |
| **Design Pattern** | Singleton, Front Controller, MVC, Observer, Adapter, DAO, DTO Decorator, Session Facade, Business Delegate, Service Locator, Transfer Object, Strategy. |
| **Web Technologies** | Servlet 3.1, JSP 3.0, JDBC, Tag Libraries, JAXP, JSTL, GWT, DHTML and HTML, CSS, BOOT STRAP, Java Servlet API 3.0, Java Bean 3.0. |
| **UML Tools** | Rational Rose, MS Visio |
| **MVC Framework** | Struts 1.1/1.2, Spring 2.0/2.5/3.0/4.1, Spring Security 3.2. |
| **JavaScript Framework** | Angular JS, jQuery |
| **ORM Framework** | Hibernate 4.3, Hibernate Search ORM 4.5, JPA |
| **Ajax Framework** | Dojo, JSON |
| **Version Control** | IBM Rational Clear Case, Tortoise SVN, CVS, GIT |
| **Web service Tools** | SOAPUI, Advanced Rest Client. |
| **Web service Specifications** | SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS. |
| **Web service Imp.** | Axis 1.0/2.0, CXF |
| **Middleware Technologies** | EJB 2.1/3.0 |
| **Messaging Services** | JMS, MDB |
| **XML API** | SAX, DOM, JAXP, JDOM |
| **Methodologies** | Agile, Scrum, Test Driven Development |
| **Databases** | Oracle 8i/9i/10g, Sybase 11.9/12.0/12.5/, DB2, SQL Server7.0/2000/2005, MySQL, Mongo DB |
| **Application Servers** | Web Logic 6.1/7.0/8.1/9.0/10.1, JBoss 4.2.2/4.3, Apache Tomcat 5.5/6.0, Web Sphere 5.0,Jetty, Jenkins 2.50. |
| **Transaction Control** | JTA, Hibernate Transactions. |
| **Protocols** | TCP/IP, FTP, HTTP/HTTPS, RMI/IIOP, DNS, SOAP |
| **Bug Tracking Tools** | JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36 |
| **Developer IDE Platforms** | Eclipse, Edit plus, Notepad ++, TEXT PAD, JBuilder, Net Beans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.9.3, GITHUB 2.12.0,RAD. |
| **Cloud platform** | AWS |

**Professional Summary**

**Client: Fannie Mae, Reston, VA January 2018 – Till Date**

**Role:Sr Java/J2EE Developer**

**Responsibilities**:

* Involved in Full Cycle of Software Development from Analysis through Design, Development, Integration and testing phases by following **Agile Software Development** with **Scrum methodology**.
* Designed and Developed UI for Customer Service Modules and Reports using **AngularJS, HTML,Bootstrap, CSS, JavaScript,** and **jQuery.**
* Used **Spring Boot Actuator** for application's configuration properties in various environments, Upgraded **Spring Rest Controllers** and **Services classes** to support migration to **Spring framework.**
* Worked with **Angular CLI** and **AngularJS** to create **Controllers and Angular components**.
* Developed **Microservices** using**Spring Cloud,Spring Boot** with **Netflix Eureka** to create the discovery Server, service, discovery clients and integrated **Apache Kafka** and **Zoo Keeper** as message broker.
* Well versed with core Java concepts **like Collections, Serialization,Swing**and **Servlets & JSP.** Implemented the business modules integration using **Spring** and **Hibernate data mapping**.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **GitHub, Jenkins Jobs.**
* Utilized **AWS Lambda** platform to upload data into **AWS S3buckets** and to trigger other Lambda functions (**EC2, MongoDB**) focusing on high-availability, fault tolerance, and auto-scaling).
* Designed and developed custom **message adapter** components using **Apache Kafka** that allowed message to travel through Microservices to base on **RESTful API** utilizing **Spring Boot** with **Spring MVC.**
* Worked with **HTML5,CSS3,JSON, JavaScript, Reactis and ES6** or developing user interface.
* Worked on **React JS Virtual Dom** and **React views**, rendering using components which contains additional components called custom **HTML tags.**
* Worked with the concept of **ReactJs** worked on usage metrics and also end to end events tracing for analysis purpose.
* Developed using new features of Java 8**Generics, annotations, enhanced for loop** and **Enums**.
* Worked on creation of **Docker container images**, **pushing images, tagging, integrating Spring boot**, created the **Docker containers** and **Docker consoles** for managing the application life cycle.
* Implemented unique **design patterns** such as **business factory,singleton** and **J2EE design patterns**.
* Using **Spring AOP** Module to implement logging in the application for application status and deployed **Spring Security** for **session fixation, cross site request forgery,clickjacking.**
* Used **JIRA** for bug tracking, issue tracking and project management.
* Worked on **JBoss** Application server implementation, support, workload management and performance tuning including Web server setup configuration with **JBoss App Server**.
* Developed messaging module using spring JMS, apache camel and ActiveMQ.

**Environment: HTML5, CSS, jQuery, AJAX, NodeJS, REACT,Spring Boot,APIGEE**, **Java1.8, J2EE, Spring, Hibernate, Web Services,XML, SOAP UI, SQL Server, AWS, Docker, Swagger-UI, Log4j, Selenium, Maven, Jenkins,JIRA, GIT, WebSphere.**

**Client: CSS, Bethesda, MD June2017 – November 2017**

**Role: Sr Java/J2EE Developer**

**Responsibilities**:

* Followed **Agile, Scrum** approach of development strategy.
* Extensively used **Spring Framework** modules like **MVC, DI(IOC), Spring Security,JDBC Templates**and **AOP.**
* Experience with creating **Workflows, Mappings** and Scheduling **Jobs** in **Informatics.**
* Experience with various persistence mechanisms and **APIs** like **JPA**,**Hibernate**, **JDO**, **EJB**.
* Design patterns are extensively used to achieve clean separation of different layers like **Adapter, Singleton, Factory, Service Locator,Abstract Factory**and **Facade**.
* Experience with Upgrading existing project from **CVS** to **SVN** and **Hudson** to **Jenkins**
* Developed **Web Services** using **SOA** technologies such as **REST**.
* **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Experience designing and developing applications on relational databases **MongoDB.**
* Implementing or exposing the **Micro service architecture** with **Spring Boot** based services interacting through a combination of REST and **Apache Kafka** message brokers.
* Worked with high volume and complex **PL/SQL Stored Procedures** and **Packages** using **TOAD**.
* Implemented the Project structure based on **Spring MVC** pattern using **Spring boot.**
* Design and develop **Selenium** tests to verify functionality of internal business applications and resulting data.
* Experience in Cloud Solutions on **AWS** utilizing **EC2, ECS S3, IAM,**and **RDS** etc.
* Developed Stored Procedures, triggered stored procedures using **Hibernate**.
* Extensively Used **Castor, XStream & JAXB** APIs for **XML** Marshaling and Un-marshaling.
* Developing **Docker** images for Development and Testing teams and their pipelines.
* Created many custom filters using **Angular 4.0** and external module to manipulate the routing. Developed UI with extensive use of Backbone.js framework that helped to organize the code.

**Environment:J2EE, Spring Framework, Microservices, Spring MVC 4, MongoDB, Angular 4.0, Core Java, AJAX, Web Services, SOAP, XML, Java Beans, Spring Security, Magento, jQuery, JSON,XSTREAM, Apache POI, EXT JS, JavaScript, Eclipse, Hibernate 4.X,JBOSS, Agile Methodology, HTML/Unit, XSLT, HTML5/DHTML,Design Patterns, Apache Maven, JUnit.**

**Client:AIG, Houston, TX July 2016 – May 2017**

**Role: Java/J2EE Developer**

**Responsibilities**:

* Involved in complete development of ‘**Agile Development Methodology/SCRUM’**, developed and tested the application during various iterations.
* Developed the User Interface using **jQuery,spring framework, and Ajax.**
* Design and develop financial web applications using **Perl, JavaScript, HTML, CSS** and **SQL.**
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **Angular JS.**
* Developed application service components and **configured beans** using **Spring IOC**, creation of **Hibernate mapping files** and generation of database schema.
* Created **SOAP** web services interface to Java-based runtime engine and accounts.
* Developed the **persistence layer** using **Hibernate Framework** by configuring the mappings in hibernate mapping files and created DAO and PO.
* Developed screens using **CSS3**,**Angular JS** and **html5**.
* **J2EE** deployment on **WebLogic/JBOSS** servers - QA & Staging.
* Troubleshooting issues that may occur during the test cycle (Functional & load test) for the **J2EE** applications on **Struts and Spring** framework running on **WebLogic/JBOSS** servers.
* Used **spring** frame work **AOP** features and **JDBC** module features to the database for few applications. Also, used the Spring IOC feature to get hibernate session factory and resolve other bean dependencies.
* Used **XML/XSLT** for transforming common **XML** format and **SAML** for Single Sign-On.
* Used **Maven** as build tool and deploying the application.
* Developed reusable and interoperable modules based on **SOA** architecture in enterprise applications.

**Environment: Java, Hibernate, spring (AOP, Dependency Injection), XML,Spring MVC, J2EE Tortoise SVN,JUnit, Maven, Log4J, Oracle, JavaScript, AJAX, JIRA and RAD,Web Sphere, UML, SOA, SOAP**.

**ClientKindred Healthcare, Louisville, KYSeptember2014–June 2016**

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

**Responsibilities**:

* Implemented User Interface in Model-View-Controller Architecture, which accomplishes a tight and neat co-ordination of **Struts MVC, Servlet,JSP**and Custom **Taglibs.**
* Involved in writing **JSPs, JavaScript** and Servlets to generate dynamic web pages and web content.
* Developed the User Interface validation framework in combination of custom validation built on top of **Struts** validation frame work from the form bean.
* Developed Server-side components with coordination of **EJB**, **Hibernate** and **Spring** using web established frame work designed under the guidelines of**session facade,Business Delegate, Service locator**.
* Developed **AJAX** functionalities using framework **JQuery.**
* Developed User Interface **POC** based on MVC frameworks like**Spring MVC,JSF, JavaScript Struts**.
* Developed and utilized J2EE Services and **JMS** components for **messaging communication** in **JBoss** Application Server for Credit Inquiries.
* Developed Web service modules based on **SOA** architecture to consume services.
* Used **JavaScript** and **JQuery** for validating the input given to the user interface.
* Used JavaScript and**JSP**to make the UI interactive with the users.
* Developed the **UI panels** using **JSF, HTML**, and **JQuery**.
* Configured development environment using **WebLogic** application server for developer’s integration testing.

**Environment:Java, J2EE, Spring, Hibernate, Struts, JSF, WebLogic, APACHE CXF, SOAP, Web Services, JavaScript, CSS, AJAX, HTML5, JSP, JSTL, SERVLET,Backbone.js,Knockout JS , DOJO, MongoDB, Bootstrap, Coherence, PL/SQL, JDBC, UML, Eclipse, Junit, MAVEN, XML, ITEXT, Oracle ECM, Angular, CRUD, JIRA, Clear case, Jasper report, ILOG, JRules, Scrum, Web 2.0, SOA, JMS, Apache Tomcat,Sencha ExtJs, DB2, Node.js, Linux, PHP.**

**Client: Bodhtree, HYD, TelanganaNovember 2010–July 2014**

**Role: J2EE Developer**

**Responsibilities**:

* Involved in the analysis specification, design, implementation and testing phases of Software.
* Implemented**ModelViewController(MVC)**architectureUsingSpringattheWebtierleveltoisolateeach layer of the application to avoid the complexity of integration and ease of maintenance along with Validation Framework.
* Worked on the **Struts framework** and **JSP** and **Struts tag libraries** to page display technology.
* Written Web services using **Apache Axis2** and generated the **WSD.**
* Designing the flow of the project using **Water Fall Model.**
* Worked on **JDBC** to select and update the data from the **MySQL** database.
* Developed web Components using **JSP, Servlet** and Server-side componentsusingEJBunderJ2EE Environment.
* Used **Log4j** for logging, debugging and used **Junit** extensively for testing.
* Applying **Ruby** and **JQuery** debugged, enhanced, extended applications.
* Used Resource Manager to schedule the job in **UNIX** server.
* Used **NetBeans** for development and Jobs Server for deploying the web application.
* Used **TOAD** for database query testing, in the process of optimizing the queries.
* Used XML Web Services using **SOAP** to transfer the amount to transfer application.
* Executed the test steps defined in Test Cases manually and reporting the bugs in **JIRA**.
* Design and development of the exception management workflow using **Oracle BPM.**
* Install and configure a **Linux** server to publish applications and the Database.
* Deployed, the application using **Apache Tomcat** Application server.
* Involved in creation of automation framework using **Selenium** and testing.
* Used **ANT** for building the application and deployed on Jobs Application Server.
* Enhanced the existing congas environment using **Cognos** software development kit (SDK).
* Developed the front end using **JSF** and **Port let.**
* Implemented the spring dependency injection of the Database helper instance to the action objects. Used baits framework with spring framework for data persistence and transaction management.
* Developed an application in Java using **Oracle ADF framework**.
* Used **Log4j** for logging, debugging and used **Junit** extensively for testing.
* Developed **Swing** for user interaction and data presentation.

**Environment:Java, J2EE, Spring, iBATIS, Struts,Water fall model,EMC Documentum,JSF, EJB, Jboss,APACHE AXIS2, WSDL, JQuery, JSP, SERVLET, MYSQL, Toad, SQL Server, DB2, UML,NetBeans, Selenium, ANT, XML, Visual Source Safe, Cognos, ILOG, JIRA, SWING, CVS, Oracle ADF, Apache Tomcat, Linux, Unix, Ruby,Oracle BPM, IBM MQ Series, WordPress, Drupal, .Net, ASP, C, C++, Mainframe, COBOL, PL/I, JCL, SQL, SAS, VB, ASP**

**Bachelor’s- Information Technology, Amity University, 2011.**