**ABHILASH BOBBILLA**

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**Professional Summary**

* Professional Java/J2EE Software Developer with 8+ years of focused experience of Web based applications with provisioning of ground-breaking and customized solutions to meet capricious industry
* Experience with **Software Development Methodologies like SDLC, Object Oriented Analysis and Design (OOAD/ OOSD), Agile Software Development, Scrum Methodology.**
* Expertise in Development of the applications using **Java / J2EEtechnologies Servlets, JSP, JDBC**
* Expertise in programming with **Hibernate Framework, Hibernate Configuration, Object Relation Mapping (ORM)**
* Working knowledge in **Core Java, and JavaEE platform with Servlets, Groovy, JSP, JDBC, Multithreading, Hibernate, Spring MVC, Spring Boot.**
* Experience in developing a web-based interface (UI) to provide best User Experience using **HTML, CSS, JavaScript, Typescript, JQuery, JSON, Ajax, Node JS, React JS, Angular JS, Angular 2/4/6/8/9/10. and Bootstrap.**
* Developed web application in open-source java framework **Spring. Utilized Spring MVC framework**. Also configured and developed web applications in spring, Aspect Oriented Programming, and Inversion of control.
* Good knowledge on Database Connectivity Programming Using **JDBC and Hibernate**.
* Strong understanding in **Spring Security OAuth 2.0** to requests the tokens and they are handled by **Spring MVC** controller endpoints, and access to protect resources handled by standard Spring Security request filters.
* Expertise in implementing view-rendering JavaScript using ReactJS and JQuery.
* Experience in **Spring Security OAuth 2.0** and developed an application that have the option to split them across two applications, and to have multiple Resource Services that share an Authorization Service
* Experience in setting up **CI/CD pipelines** using **Jenkins**, **Bamboo** and **GOCD**.
* Experience in creating various **Docker** **images** from the **Docker** containers and published these images in the Docker hub repository.
* Deployed the Dockized **Spring Boot** application using **AWS** **Elastic Bean Stalk (EBS).**
* Expertise in working with Struts Framework and had experience in **MVC2 architecture using Jakarta Struts 2 with features like Validation framework, Tiles framework.**
* Excellent experience with Relational databases like **MySQL**, **Oracle**, **SQL Server**, **DB2** and No SQL databases like **Mongo** **DB**, **Couch** **DB** and **Cassandra**.
* Experienced in developing applications using React JS for view rendering and implementing React JS with Redux and Flux to achieve MVC design flow to the application.
* Good experience in unit testing with **Karma, Jasmine** and **JUnit.**
* Good working knowledge of **Grunt, Bower**.
* Experienced in designing, developing, and deploying J2EE applications on **WebSphere, WebLogic, Apache Tomcat and JBoss Servers.**
* Good knowledge on Document Object Model (DOM) and DOM functions.
* Worked on writing minimal code in building re-usable forms with their validations using React JS with Redux Architecture.
* Diverse experience utilizing tools in **Microservices** architecture applications using **Spring Boot**, **Spring Cloud** **config**, **Netflix** OSS components (Eureka, Zuul, Hystrix), Pivotal Cloud Foundry, **AWS**, **Rabbit** **MQ**, **Kafka**, **Zookeeper**, **Cassandra**, **My** **SQL**, **Restful Web Services**.
* Real time Experience in Java tools like **Maven, SVN, JIRA, LOG4J, SOAP UI, and GITHUB.**
* Strong communication **skills, with the ability to convey concepts/requirements between technical and non-technical stakeholders**

**Professional Experience**

**Sr. Java Developer**

**Truist Bank, Charlotte, NC November 2020 to Present**

**Responsibilities:**

* Worked on parsing the **XML** files using DOM/SAX parsers.
* Developed application using **Spring MVC, JSP, JSTL** and **AJAX** on the presentation layer, the business layer is built using spring and the persistent layer uses **Hibernate**.
* Creating and designing data ingest pipelines using technologies such as **Apache Storm-Kafka**.
* Worked aggressively towards continuous improvement by implementing **unit test** cases using testing tool **Cucumber**.
* Integrated with **Spring Cloud** projects to provide distributed tracing and other features.
* Developed **microservices** with Spring and tested the application using **Spring Boot.**
* Used **Spring Core** annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for **microservices**.
* Involved in Integration of **Amazon Web Services** **AWS** with other applications infrastructure.
* Designed user-friendly UI wireframes for a web application using **Adobe XD and GUI.**
* Developed a single page web application using **ReactJS** and **NodeJS**, to create an efficient one stop shop for all companywide status updates and track employees’ progress of tasks.
* Involved in writing **Java API** for **Amazon Lambda** to manage some of the **AWS services.**
* Expertise in implementing view-rendering JavaScript using **React JS** and **JQuery**.
* Used multi-threading in programming to improve overall performance using Singleton design pattern in **Hibernate** Utility class.
* Used **spring framework** with **EJB 3.0** to create these services which are able to handle **transactions** in **millions.**
* Worked on update feature for an automobile client to reduce the overhead of deleting and re-adding unwanted data from/to the database, allowing more efficient use of resources.
* Implemented ReactJS Controllers to maintain each view data. Implemented react Service calls using react Factory tested all application controllers extensively with ReactJS built-in testing facilities.
* Developed **RESTful web services** using JAX-RS, Apache CXF and spring frameworks and persistence using **Hibernate** and JPA ORM frameworks.
* Used **Servlets** as an interface between frontend and backend to handle **HTTP** requests and to send the response back to the front end
* Built **REST APIs** using **Java** features like new String methods, new file methods and implemented front- end for timesheet application used to track the clock- in and clock-out time of the employees.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **React JS.**
* Setting up **AWS Oracle RDS** databases for new project, use data pump to migrate data to Relational Database Services (RDS).
* Worked with React JS to build bootstrap components for UI web objects.
* Implemented **Spring boot** **Microservices** to process the messages into **Kafka** cluster setup.
* Responsible for providing weekly **production support** for urgent client requests, including providing after-hours and weekend support.
* Proficient in using ReactJs for creating reusable components along with sliders, charts, grids and handling events and DOM objects.
* Developed test scripts to automate process of testing in **Selenium WebDriver.**
* Designed various tables required for the project in **MySQL database** and involved in coding the **SQL Queries, Stored Procedures and Triggers in the application**
* Used **Amazon Cloud Watch** to monitor **AWS services** and **Amazon Cloud Watch** logs to monitor application.
* Involved in setting up Test automation and developed **cucumber** feature files and used Selenium for automated testing with **TestNG**.
* Used **Gitlab** and **GitHub** for version control.

**Environment:** Java, J2EE, ReactJS, Node JS, NPM, PM2, JavaScript, REST APIs, XML, Python, Spring, Spring MVC, Hibernate, Bootstrap4, HTML5, CSS3, Lambda Expressions, SQL Server, MongoDB, Aurora, Cucumber, JDBC, Kong, Selenium WebDriver. Kubernetes, Docker, AWS, Apache Kafka, GitLab, GitHub, Agile Methodology

**Java Developer**

**UHG , Oh March 2017 to October 2020**

**Responsibilities:**

* Involved in various SDLC phases like Requirement gathering, Design, Analysis and Code development and the project was developed using **Agile** based **SCRUM** Methodology.
* Designed and developed the gateway framework with caching features. Applied design patterns such as delegator, singleton and other J2EE patterns.
* Developed automation test cases using Java and selenium on **Eclipse** for **web 2.0 Ajax** application.
* Experience using testing strategies such as TDD, including knowledge of **JUnit and/or Selenium**.
* Used **Angular 9** to route different endpoints and created custom directives to display data in UI.
* Developed REST web services to expose the Middleware services. Applied agile methodology for design/ development, prepared project plan and test plans.
* Developed Single Page applications using **Angular 9/10** using components, directives using Typescript.
* Created read replicas of **AWS-RDS-NoSql Mongo DB** in various regions and AZs using backups and snapshots and scale out **AWS-RDS-NoSQL Mongo** instance to additional AZs and regions based on requirements using DB snapshots
* Worked on **Jenkins** and **Docker** for CI / CD of the **microservices** developed and managing them.
* Tested the response format of **REST services** in **XML, and JSON**. Used various drivers specific to each browser to write scripts for testing across various browsers.
* Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure.
* Composed and executed **Mongo** **DB** scripts to insert and update **NoSQL** database, automating data changes and reporting.
* Developed front end pages using **HTML/CSS/JS.** Using **Angular 8/9/10** for front end development. Implemented Spring MVC. Implemented Thread Based Multi-Tasking concept.
* Worked on migrating **Angular** old forms to Final New forms and performed validations using **Angular 9/10 Form** **module**.
* Coded extensively using **JavaScript MVC Framework**, **Angular 8/9/10** to make rich internet web application for a **Single page app** (SPA).
* Developed and coded for Logging, Exception. Implemented persistence to database using the hibernate ORM. Using **Jenkins** for continuous integration for testing and deploying code into production.
* Worked on **Angular 8 and Node JS** to enhance front end functionalities as per business requirements.
* Developed **Micro services** using **RESTful** services to provide all the CRUD capabilities.
* Worked with **OpenShift** platform in managing **Docker** containers and **Kubernetes** Clusters.
* Used Message-driven batch application using **Spring Batch** to handle multiple requests accessed through Message Queue services between several **Micro services** in the application.
* Developed several **Micro services** as part of the project using **Spring Boot.**
* Used Microservices architecture, with Spring Boot-based services interacting through a combination of REST and **Apache Kafka, Spring4** message broker
* Worked with **Kafka Cluster** using **Zookeeper**. Developed Applications using Rule Engines-**JBoss** Drools, Work flows, Human tasks to implement Business rules validations.
* Review team work products/deliverable(s) for quality. Using **JIRA** for project Management and previously used Tiaga.io.
* Used **Maven** for build and deployment, **Jenkins** for continuous integration and **log4j** for logging.
* Developed test cases using **TDD** (Test Driven Development) approach.
* Involved in writing the test scenarios, developed feature files using **Cucumber** annotations.
* Developed data transformer for converting legacy data from Source tables to **avro format** and fed into **Kafka** using **Camel**.
* Experience using testing strategies such as TDD, including knowledge of JUnit and/or Selenium.  Used Selenium for all **Hibernate beans** and **relevant java classes.**
* Created S3 buckets and managing policies for S3 buckets and Utilized **S3 bucket** and Glacier for storage and backup on AWS. Design and use of REST full web services.
* Developed and executed test strategy and coordinated QA testing in Agile Environment. Supported solution designing activities and automated test scripts
* Writing Test Data and Test cases for the new features. Enhanced test plan with new test cases at regular intervals of time. Opening **JIRA tasks** for agile scrum based development.
* Developed **angular** **unit** **tests** for testing angular components using **Jasmine** and **Karma**.
* Responsible for design and maintenance of the **GIT** repositories, views, and the access control strategies.
* Used **Mockito** and **JUnit** for unit testing of the application.
* Used **EJB 3.0**to create service which is responsible for transferring metadata and data to each other.
* Created **REST-Controllers** with respect to **RESTful** standards in **Spring** **MVC** to connect model with view.
* Developed upon **Angular 9** **Services** that interacts with the **RESTful** services at the backend.
* Provide a technical solution to the team if there is any technical issue and Coordinating for Performance test. Participated in Scrum related activities and Daily Scrum Meetings.

**Environment**: Java, Spring, HTML, JDBC, Java Script, Micro Services, Eclipse, JSON, JQuery, Angular 6/8/9/10, Rest Web services, Hibernate, EJB, JSP, JPA, Tomcat Server, SQL server, AWS, TOAD, Java Junit, Jenkins, Xpath, TestNG, QC, GIT, Putty, Apache Kafka, Windows, Oracle 12c, PL/SQL Developer, Kubernetes, Docker, Jenkins, UNIX, PCF, Windows, XML.

**Java J2EE Developer**

**Best Buy, Negaunee, MI August 2015 to February 2017**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, and Development, testing production of the application using both **Waterfall** model Kanban.
* Involved in design discussions and understanding of business requirements and identify the relevant functional and technical requirements.
* Worked with **Spring Core, Spring MVC Framework** for Dependency Injection (DI), and Spring Context to provide message sources.
* Used **Struts** framework to follow **MVC** Architecture in the application server
* Managed connectivity using **JDBC** for querying/inserting & data management including triggers and stored procedures.
* Implemented Business processes such as user authentication, using Session EJB
* Intercepting filter design pattern used for all the pre-processing and post-processing purposes which include session validation, authorization, logging.
* Designed and developed presentation layers using **JSP, Java Beans, CSS, HTML, DHTML**, **jQuery** and **JavaScript**, **Json** in **UI** pages.
* Writing **JavaScript** functions for various validation purposes. Writing Java Beans to contain data objects. Implemented session beans, entity beans, and message-driven beans.
* Develop custom directives, controllers, views and filters using **Angular JS, Angular 2/4**
* Dynamic form generation auto-completion of forms and user-validation functionalities using **AJAX**.
* Used **SOAP JAXB** for producing web services and involved in writing programs to consume web services
* Developed the application using **Spring MVC**Framework that helps in separating the business logic, presentation logic and navigation logic
* Written **Spring Core** and **Spring MVC** files to associate **DAO** with Business Layer
* Written different Routing (SPA), modules and reusable components using **Angular 4**
* Involved in **AWS EC2, Amazon S3, Amazon Elastic Load balancing** and other parts of AWS infrastructure.
* Setting up daily Status meetings with the team and communicate status to Project Manager.
* Worked with the Business team during **UAT** to review the requirements for any new functionality or enhancement
* Extensively used mainframe platform to access the tables in **DB2** Database and to refresh the data.
* Involved in the complete life cycle of the project from the requirements to the production and involved in **UAT**.
* Worked with server admin and deployed the application on to the production and Stage Servers.
* Worked on the **jQuery JavaScript** Library that simplifies HTML document traversing, and event handling.
* Deployed the applications on **IBMWebSphere6**.0 Application Server
* Used **IBM RAD** versions 8.0 8.5 as **IDE** for the enterprise application Project development

**Environment**: Java, Java Beans, J2EE, SOAP, Spring, AWS, CXF, Ajax, jQuery, JSP, XSD, XML Bean, WebSphere, DB2, JUnit, Angular JS, Angular 2/4, Log4J, FileZilla, Spring Framework security using LDAP, TFS, SharePoint, RAD 8.0 8.5, DB2, Mainframe Platform.

**Java Developer**

**Brio Technologies Private Limited Hyd India August 2014 to May 2015**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, and Development, testing production of the application using both **Waterfall** model Kanban.
* Involved in design discussions and understanding of business requirements and identify the relevant functional and technical requirements.
* Worked with **Spring Core, Spring MVC Framework** for Dependency Injection (DI), and Spring Context to provide message sources.
* Used **Struts** framework to follow **MVC** Architecture in the application server
* Managed connectivity using **JDBC** for querying/inserting & data management including triggers and stored procedures.
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**Environment**: Java, Java Beans, J2EE, SOAP, Spring, AWS, CXF, Ajax, jQuery, JSP, XSD, XML Bean, WebSphere, DB2, JUnit, Angular JS, Angular 2/4, Log4J, FileZilla, Spring Framework security using LDAP, TFS, SharePoint, RAD 8.0 8.5, DB2, Mainframe Platform.

**Full Stack Developer**

**Cybage Software Private Limited Hyd India September 2013 to July 2014**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, and Development, testing production of the application using both **Waterfall** model Kanban.
* Involved in design discussions and understanding of business requirements and identify the relevant functional and technical requirements.
* Worked with **Spring Core, Spring MVC Framework** for Dependency Injection (DI), and Spring Context to provide message sources.
* Used **Struts** framework to follow **MVC** Architecture in the application server
* Managed connectivity using **JDBC** for querying/inserting & data management including triggers and stored procedures.
* Implemented Business processes such as user authentication, using Session EJB
* Intercepting filter design pattern used for all the pre-processing and post-processing purposes which include session validation, authorization, logging.
* Designed and developed presentation layers using **JSP, Java Beans, CSS, HTML, DHTML**, **jQuery** and **JavaScript**, **Json** in **UI** pages.
* Writing **JavaScript** functions for various validation purposes. Writing Java Beans to contain data objects. Implemented session beans, entity beans, and message-driven beans.
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**Environment**: Java, Java Beans, J2EE, SOAP, Spring, AWS, CXF, Ajax, jQuery, JSP, XSD, XML Bean, WebSphere, DB2, JUnit, Angular JS, Angular 2/4, Log4J, FileZilla, Spring Framework security using LDAP, TFS, SharePoint, RAD 8.0 8.5, DB2, Mainframe Platform.

**TECHNICAL SKILLS:**

* **J2EE Technologies:** EJB, Servlets, JSP, JDBC, JNDI, Swing.
* **Java Frameworks:** Spring, Hibernate, Struts
* **Web Technologies:** HTML5, CSS5, XML, JQuery, Java Script, Angular JS/2/4/6/8/9), JSF, Node JS, React JS
* **Web/Application Servers:** Apache Tomcat, WebLogic, WebSphere, JBoss
* **Design Patterns:** Dependency Injection, MVC, Singleton, Adaptor, Factory, Gate Way, Facade, MVP.
* **Databases:** Oracle, MySQL, MS SQL, DB2, Mongo DB, Oracle PL/SQL, Apache Cassandra, Hadoop.
* **Tools & IDE:**Eclipse IDE, Net Beans IDE, IntelliJ, Visual Studio and Spring Tool Suite (STS).
* **Version Control:** GIT, SVN, CVS.
* **Testing:** Junit, ALM, ETL, TestNG.
* **Build tool:** Ant, Maven. Docker, Gradle.
* **Web Services:** Apigee and RESTful Web Services, SOAP Web Services -JAX- WS-API
* **Methodologies:** Agile, Waterfall.
* **Operating System:** Windows, UNIX, Mac OS X, Ubuntu, Linux.

EDUCATION:

* Bachelor’s in Information Technology from Jawaharlal Nehru Technological University, India in 2013