**Abhilash Reddy**

**Sr. Java/J2EE Developer**

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**(469) 290-5335**

**PROFESSIONAL SUMMARY**

* **Around 8 years of Experience** in **Java/ J2EE** Professional with proficiency in **Analysis, Designing,** Developing, Architecture, Coding, Testing and implementing of Client/Server, Internet and Legacy Applications with a strong foundation of **object-oriented** principles.
* Handling on experience in implementation of **PCF** (Pivotal Cloud Foundry) **Paas** (Platform a Service) such Pivotal Application Service, Pivotal Container Service and Pivotal Functional Service to continuously deliver applications on to the cloud.
* Having a Strong knowledge of Cloud application security models, protocols and SQL Server tools like **AWSIAM**, **AWSKMS** policy, **Microsoft Azure AD.**
* Using **Docker** for setting **Azure** Container Registry with Docker and Docker-compose, SAFe Agile actively involved in deployments on Docker using Kubernetes.
* Experience in working with messaging services like **Kafka** and **RESTAPI’s** to pull and push Metadata from **Apache Atlas** using **Java 11** Connectors.
* Involving in pretesting the Web Service calls with **SOAPUI** using endpoints used **GITHUB** for maintaining the component and to release API Development version management.
* Experience with Version Control tools like **GIT** and build tools like **MAVEN** and Gradle SQL Server with Integrated Development Environments like **Eclipse** and **IntelliJ** and **STS**.
* Using **Python** modules such as **Requests**, **Urllib**, and **beautiful soup** for **Python Data**/**web crawling** and Hands on design and implementation of **AI (Artificial Intelligence), machine learning algorithms** using **Python**.
* Working on NodeJS framework to develop dynamic and rich client web pages **Micro Services** with **Spring Boot** 2.7.1 through a combination of **REST** and **Apache Kafka**.
* Proficient in developing front-end systems like Client-side validations with **JavaScript, Ajax, Bootstrap, HTML, CSS** and **JavaScript** frameworks such as **Angular JS**.
* Developing applications using **Java**/**J2EE** and frameworks such as **Spring, NodeJS, Spring MVC, SSIS, AWS, Spring Boot, Restful API, SOAP, Angular 12, Security/JWT/OAuth2, DATA JPA** and **Hibernate**.
* Excellent knowledge on **Java 11** concepts like **Streams**, **Lambda Expressions**, **Method References** etc. and developed **MVC** based **portlets** using **Liferay** and migrated existing **portlets** from **Liferay** 6.1 to **Liferay** 7.1.
* Handling on experience on front-end technologies such as **HTML5**, **CSS**, **JavaScript**, **Struts** tag libraries, **AJAX**, **JSON**, **XML**, **XSLT**, **Angular** **JS**, **Angular 12**/**8**, j Query, **React** **JS** and **Bootstrap** frameworks
* Developing UI using **HTML5**, **CSS3**, **JavaScript**, **JQuery**, **Bootstrap**, **SSIS**, **Angular JS** and **NodeJS** **Angular 12,** and Developed prototype and project layout skeletons using **ReactJs**, **JQuery**, **HTML5**, and **CSS3**.
* Using **Azure** Kubernetes Service to deploy a managed Kubernetes cluster in **Azure, AWS** and created an AKS cluster in the **Azure** portal, with the Azure CLI, SAFe Agile also used template driven deployment options such as Resource Manager templates and Terraform
* Strong experience in UNIX and Shell scripting and stream-processing software platform like Kafka with various Application servers like JBOSS7, WebSphere, Glassfish 3 and Tomcat7 web server Extensively Used Jenkins as Continuous Integration tools to deploy the Spring Boot Micro services, Spark to using build pack
* Creating **REST** web services to publish **ML** models - business function and earnings code prediction models via API as predictive analytic service using **Java 11, AWS** and **python**. Handling on Experience on **MVC** Framework and **Hibernate** 3.0 to connect with **backend** database for large based enterprise Applications.
* Expertise in open-source frameworks like **Struts** 2.0, **API Development**, **Spring** 4/5 (**IOC**, **JDBC**, **AOP**, and **LDAP), Web services, Hibernate,** **JAXB**, **AXIS**-2, **JAAS** (Java Authorization and Authentication System), **JUNIT etc.**
* Expertise in creating A using **HTML**/**HTML5**, **Quarkus**, **SSIS**, **CSS**/**CSS3** (**SASS**, **LESS**), **Bootstrap**, **JavaScript** (**ES5**), JQuery, **Angular JS**, **Angular 12/8, AJAX,** and **JSON**, **Node**.**js**, and **ReactJS**.
* Experience in Web Services using **SOAP, Restful, WSDL, HTML, XML, JAXB, XSD, SAX** and **DOM, API Development, AWS,** parsers and with **core** **Java** with **Multithreading**, Quarkus, Concurrency, Exception Handling, and **Java** Collections.
* Developing web-based controllers using **Java 11**, **J2EE**, **Web services** (**REST**), **AWS,** **MVC** 4.0/5.0 framework (**Spring MVC** 2.5.2), and **MySQL**.
* Developing Micro Services applications using **Spring Core**, **Angular 12,** **SAFe Agile, MVC** 4.0/5.0, **DAO**, **SSIS**, **ORM**, **Spring MVC**, **Spring Eureka**, **Spring Hystrix**, **Spring Ribbon**.
* Experience in handling messaging services using **Apache Kafka** Implemented **AWS** solutions using **EC2**, **S3**, **RDS**, **EBS**, **Elastic**, **Load Balancer**, **Auto**-**scaling groups** and used **AWSSDK** to connect with **Amazon SQS** for bulk email processing.
* Experience in Continuous Integration tools such **Jenkins** and Bamboo and Experience with **CI/CD** tools (**Jenkins**, **GitLab**, **and Ansible**) on various **Python** packages such as **Pandas**, **NumPy**, **SSIS**, **Quarkus**, **Scikit Learn**, **API Development, Matplotlib**, **SciPy**, **PyTables**.
* Experience of designing and architecting server-less SAFe Agile applications SQL Server using **AWS** **lambda** **API** **Gateway**, **DynamoDB** and Security Token Service (**STS**).
* Good experience in developing web applications implementing **Model View Control (MVC), AWS** architecture using **Django**, **Flask**, **Pyramid** and **Zope Python** web application frameworks.
* Creating libraries for common math and science-oriented programming tasks with **SciPy** leverages other **Python** packages, including **NumPy** and **Pandas**
* Experience in deploying applications/**Port lets** on **Tomcat** 5.x/6.x/7.x, and **WebLogic** 6.x/8.x/9.x servers writing **JUNIT** test cases as well as **Selenium** test cases to make sure the **UI** changes, **SSIS**, **AWS** are reflected correctly or not.

**TECHNICAL SKILLS**

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| **Programming Languages** | C, C++, Java 7/8/11, J2EE, Python 3.6.0, SQL server2012/2014, PL/SQL. |
| **Web Technologies** | HTML5, CSS3, JavaScript, jQuery, AJAX, Angular JS/ Angular 12/8, ReactJS with flux, NodeJS, Bootstrap, JSON. |
| **Databases** | Oracle 8i/9i/10g/11i, DB2, SQL Server 2000/2005/2008, MYSQL, MongoDB, Raven DB, Cassandra |
| **J2EE Technologies** | Servlets, Struts, EJB 2.0, JSF, JDBC, JSTL, JNDI, JMS, RMI, Java Bean, JTA. |
| **Web Services** | JAX-WS (SOAP), JAX-RS (RESTful), WSDL. |
| **Messaging services** | JMS, Active MQ, Rabbit MQ, IBM MQ, Apache Kafka |
| **Application Frameworks** | Struts 1.x/2.x, Spring Core, Spring MVC, Spring Security, Spring Batch, Spring ORM. |
| **ORM Framework** | Hibernate, JPA, DAO, Spring JPA. |
| **XML** | XML, DTD, XSL, XSLT, XHTML, XML Schema and DOM Parsers. |
| **Cloud Technologies & DevOps Tools** | AWS, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS**,** RDS, S3, Glacier, Lambda |
| **Web/Application Servers** | Apache Tomcat 6.0, IBM WebSphere 8, Oracle WebLogic, JBoss 4.0. |
| **Version Control** | IBM Clear Case 7.0, 7.1, SVN, CVS, Git. |
| **IDE** | Eclipse, My Eclipse, Edit Plus, NetBeans 7.0, Visual Studios. |
| **UML tools/ Build tools** | Apache ANT, Maven, Jenkins, JUnit, Dreamweaver, Rational Rose, UML, Selenium. |

**PROFESSIONAL EXPERIENCE**

**American Airlines, Fort Worth, TX Dec 2021 – PRESENT**

**Sr. Java/J2EE Developer**

**Description:** American Airlines worked with API (or set of APIs) will provide the features needed to enable ‘Self Service Bag Drop’ ability for passenger from retrieving details from the passenger reservation to determine passenger eligibility for check-in (based on travel documents required) and providing the features to self-check in the bag APP mainly concentrate on ticket booking function, this function will take the user inputs like their requirements (flight name, flight source destination, Number of seats, Seat numbers), after entering all his/her requirements in this application, it can check at backend & provide us the total information about flights.

**Responsibilities:**

* Understanding user change requirements and analyzing the source systems and Developed **UI** pages using JSP framework validations are done using **Spring** **Boot** validation framework and **JavaScript**.
* Proficient in working with various technologies like **Java 11**, **Java** Beans, **J2EE** (JSP, JSF, Servlets, EJB), **Spring 5**, **Hibernate**, **Micro Services**, **Spring Boot**, **Spring Cloud**, **Angular 12,** Ajax, jQuery, JMS, JDBC, SSIS, XML, API Development**,** JAAS, JAX-WS/JAX-RPC, Web Services, LDAP and Design Patterns.
* Using **Kafka** on publish-subscribe messaging as a distributed commit log, have experienced in its fast and **Python** and Scalable Created User defined exception classes using **Java** and building **SOAP, Rest, Spring Boot, Quarkus, AWS** and **Rest API**.
* Extensively used **Hibernate** in data access layer to access and SQL Server updates in the SAFe Agile database used **Docker** to containerize the Services and **APIs** to run on **AWS** **EC2** instances.
* Designing, developed and implemented unit tests and product features developed business components using **Java** Objects, **Core** **Java**, Multithreading and Collections.
* Implementing **CI/CD** pipeline as code using **Jenkins 2.60.3** and Developed build and deployment scripts using **MAVEN** as build tool, and integrated **selenium in Jenkins 2.60.3** to SQL Server perform the **automated integration test**.
* Working on **Angular 12,** **SSIS, API Development, framework** to augment browser-based applications with Capability, built dynamically generated dropdown lists using **Ajax**, **jQuery**.
* Experience in handling messaging services using **Apache** **Kafka** implemented **Micro Services** **API Development,** architecture to make application smaller and indepen00dent **REST** web services using **Jersey** with the enabled **OAUTH**.
* Maintaining, structured, and surveyed documents within the **NoSQL** **MongoDB,** SSIS, **Spring Boot,** **AWS** database; ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the **database**.
* Working on data preprocessing, cleaning and publishing data to **Apache** **Kafka** topics writing **Java 11** classes, reusable components and **Java** **Beans** for getting Quarkus data from **oracle** tables.
* Developing **RESTful, AWS** Web Services to retrieve data from client side using **Micro Services** architecture of **Spring Boot** application with **Micro Services** performing the Unit testing and basic functional testing with different set of data.
* Integrating with **Spring** Cloud Netflix’s components like Eureka (Service Discovery), Hysteric (Circuit Breaker), Ribbon (Client-Side Load Balancing) and Zulu Proxy.
* Responsible for provisioning environment and deploying the dockerized applications by developing manifests **JIRA** for tracking the activities, Tasks and defects of Ehcache as a second level cache in the **DAO** layer for **Hibernate**.
* Made the integration of data in several applications in favor **JSON, Spring Boot, SSIS, AWS** **Micro Services,** documents with dynamic schemas using **Mongo DB** (**NoSQL**) database.
* Creating **MySQL** and other service instances to bind the deployed applicationandused Maven build script for building and deploying the application and designing new database tables for the enhancements.
* Developing the **java** code using **Eclipse** as **IDE** backend services in **Java 11** and **Groovy** strong experience in implementing Service oriented architecture and Web Services using **SOAP**, **Angular 12, RESTFUL** **API’s**.
* Responsible for building/deploying consistently SQL Server repeatable build/deployments to company SAFe Agile non-production environments using **JENKINS** BUILD Pipelines.

**Environment:** Java 11, J2EE, Spring 5.0, Spring Boot, SOAP, Hibernate, Micro Services, REST, REST API, CSS3, XML, Angular 12, PL/SQL2.3, CI/CD, Mongo DB, Quarkus, Kubernetes, SQL Server, API Development**,** AWS1.3.580, NodeJS, Apache Kafka 2.5.0, Docker19.03.12, JAX-RS, SAFe Agile SSIS.

**Fidelity Investments, Durham, NC Jun 2020 – Nov 2021**

**Java/J2EE Developer**

**Description:** Fidelity Investments makes financial expertise broadly accessible and effective in helping this by focusing on a diverse people investing their lives managing their employee advisors needing innovative technology to invest their offer investment management, retirement planning, portfolio guidance financial products always believed by providing investors with access to the information and expertise help them achieve better results been our approach innovative yet personal, compassionate yet responsible, grounded by a tireless work ethic it is the heart of the benefits plan application supporting retirement plans, stocks and savings options for customers through fidelity.

**Responsibilities:**

* Developed **Micro Services** with **Spring Boot** to retrieve API routes and Implemented **Spring Circuit** pattern, integrated **Hystrix** dashboard to monitor **spring, Angular 8, Micro Services.**
* Developed **REST web service using Jersey** which produces **both XML and JSON,** **Quarkus**, **SSIS,** **API Development, Spring Boot,** to perform tasks, leveraged by both web and SQL Server mobile applications. **REST API** using Jersey for **JAX-RS** implementation.
* Experienced working on **Docker Hub**, creating **Docker images** and handling multiple images primarily for middleware installations and Quarkus domain configurations.
* Created tables and worked on **MySQL** and **PL/SQL** to write functions and packages SQL Server for complex Inserts and updates in the database.
* Worked as **Java/J2EE** Developer in developing two different web-based applications and followed **Test-Driven Development (TDD)** and **SAFe Agile** methodology.
* Defined and constructed layers, server-side objects and client-side interfaces based on **J2EE design** patterns used **Spring4**, **annotations, and** to implement **Azure** business layer and navigation part of application,
* Implemented persistence layer using **Hibernate**7.1 that uses POJOs to represent DB tuples **business logic** at Server side in **Core Java**, and **Java J2EE Architecture**.
* Developed entire **frontend** and **backend** modules using **Python** on **Django** Web Framework and Worked on designing, coding and developing the application in **Python** using **Django**.
* Developed tools using **Python**, **Angular 8, Shell scripting**, **XML** to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Used version control repository **GIT** and **JIRA** for issue tracking in deploying **Azure** applications in **Tomcat** server specific formats with Excel macros and **Python** libraries.
* Developed test cases and performed unit testing using **JUNIT** Test cases **UI** for Functional Testing, Performance Testing, and Regression Testing and to test **REST & SOAP**.
* Developed Interactive web pages using **HTML5, CSS3 and JavaScript.** Develop various screens for the front end using **Angular 8** and used various predefined components.
* Implemented the single page web application based front end for displaying user requests, user records history and security settings various **Azure** users using **Java 8.**
* Developed application is built **Micro Service Oriented Architecture** using **MEAN (Mongo DB, Express JS)** stack and developed **Single Page Applications (SPA).**
* Implemented **Angular 8** services to connect the web application to **back-end APIs** and Used **Micro Services** with **Spring Boot** through a combination of **REST** and **Apache Kafka.**

**Environment:** Java 8, J2EE, Spring 4.0, Spring Boot, Hibernate, Angular 8, SOAP, REST, REST API, Micro Services, MongoDB, Kafka, Kubernetes, SQL Server, SSIS, CI/CD, Mongo DB, API Development,Azure, Quarkus, Kubernetes, Apache Kafka 2.5.0, Docker19.03.12, JAX-RS, JUnit4.13x,

**Biogen, Boston, MA Apr 2019 – May 2020**

**Java Developer**

**Description:** Biogen is a pioneer in biotechnology and today the Company has the leading portfolio of medicines to treat multiple sclerosis, has introduced the first and only approved treatment for spinal muscular atrophy, and is at the forefront of neurology research for conditions including Alzheimer’s disease, Parkinson’s disease and amyotrophic lateral sclerosis.

**Responsibilities:**

* Developed unit test cases using Junit framework for testing accuracy of code and logging with **SLF4j** +**Log4j** the Persistence layer **DAO** using **HIBERNATE**.
* Write end-to-end flow i.e. controllers’ classes, service classes, DAOs classes as per the **Spring Boot** design and writing business logics using **core** **java** **API** and data structures.
* Used **Java 7** concepts like **Swing**, **socket** programming, Collections, Multithreading, Event handling, Exception handling and **Generics**.
* Worked on **Mongo DB** concepts such as locking, transactions, indexes, replications, schema design expertise in the implementation of Core concepts of **Java 7**, **J2EE** JSP, Servlets, JSF, JSTL, EJB.
* Implemented **Angular JS** services to connect the web application to back-end APIs **SOAP,** **Micro Services, Rest, Rest API** web services to exchange the data with backend application.
* Used **Spring** **JMS** related **MDB** to receive the messages from other team with **IBMMQ** for queuing worked with Open symphony workflows and delivered workflow module to the client.
* Created **groovy** scripts to extract transaction volume information and email to management on daily basis worked with defect tracking system Clear Quest responsible for code sanity in integration stream used Clear Case as version control tool.
* Involved in debugging and tuning the **PL**/**SQL** code, tuning queries, optimization for the Oracle database using Explain Plan, hints and also worked on Partition tables using Range method.
* Designed and developed the **REST** based **Micro Services** using the **Spring Boot** presentation layer code, using **JSP**, **HTML**, **AJAX** and **jQuery**.
* Designed, developed **&** deliver the **REST** **APIs** that are necessary to support new feature development and enhancements in a SAFe Agile environment.
* Developed the project using industry standard design patterns like **Singleton**, Business Delegate Factory Pattern for better maintenance of code and re-usability.
* Developed application module coded on **Spring** Batch and **Apache, Angular JS** Camel the Business layer using spring (**IOC**, **AOP**), **DTO**, and **JTA**.

**Environment:** Java 7, J2EE, Spring, Spring Boot, Hibernate, Angular JS, SOAP, REST, REST API, JavaScript, JQuery, Micro Services, Oracle, JDBC, Eclipse, Web Logic, CVS,JUnit, Bootstrap, SAFe Agile, Dash Board, UML, JSP, JSTL, Maven, CSS, JSON, Mantis, jQuery.

**CGI INC, India Feb 2015 – Jun 2018**

**Software Developer**

**Description:** CGI is among the largest IT and business consulting services firms in the world. Operating in hundreds of locations across the globe, CGI delivers end-to-end services and solutions, including strategic IT and business consulting, systems integration, intellectual property, and managed IT and business process services. CGI works with clients through a local relationship model complemented by a global delivery network to help clients achieve their goals, including becoming customer-centric digital enterprises.

**Responsibilities:**

* Used **Angular** Promise, Angular Custom directives, Angular custom services, Angular to **SOAP** to Spring calls involve in implementation of REST and SOAP based web services
* Developed applications using Integrated Development Environment (**IDE)** tools like My **Eclipse, Eclipse 3.2** the code environment using IDE as **Eclipse 3.2** and deployed into **Tomcat Server.**
* Involved in Developing of Application based on **J2EE** using **Hibernate, Angular JS** and spring framework. Implemented Dependency Injection using the spring framework.
* Learned **XML, Angular JS** for communicating client. Written Queries, Sub Queries in **SQL** to get data from **REST API** written in Groovy wrapped by Jersey **JAX-RS.**
* Good knowledge of concepts in Java likes **OOPS**, Multi-Threading and Exception Handling and implemented **Core -Java** concepts like Inheritance, **Polymorphism,** **Abstractio**n and **Encapsulation** used Java **Collection Framework**.
* Able to work well independently or as part of a professional computer program development team and possess effective communication skills along with strong dedication and commitment towards work.
* Implemented **MVC architecture** using Apache **STRUTS** framework Designed the front end using **JSP**, Tag Libraries and JavaScript. Designed and developed framework components, involved in designing **Spring MVC, Angular JS** pattern using Struts framework.
* Worked closely with testing groups for module and integration testing Developed batch processes to perform the daily updates with **Spring Batch Module** **Automation** testing using J unit.
* Developed hibernate DAO Classes using Spring MVC Template, worked with **Hibernate** for object relational mapping and connection management.

**Environment:** Java, J2EE, Spring MVC, Hibernate, SOAP, REST, Angular JS, REST API, Java beans, Servlets, JSP, JDBC, JavaScript, HTML, J Unit, Eclipse, SVN, SQL.

**Sitel India Private Limited, India Jul 2014 – Jan 2015**

**Business Associate**

**Responsibilities:**

* Manage sales cycle from prospect to closing independently, discuss progress with management and develop solutions to improve closing ratio.
* Manage day-to-day operational duties (manage and track sales lead flow, manage and maintain CRM database, report weekly activities and accomplishments, etc.).
* Work closely with Sales and Marketing teams to build and manage thoughtful, high performing materials for the sales teams.
* Assist the Development team in developing and maintaining relationships with the Foundation’s corporate partners, including.
* Provide assistance on business development opportunities with new and/or existing clients work closely with the Director of Marketing and Sales Managers to assist with inbound marketing.
* Work closely with internal stakeholders in sales and business development to develop a strategy for government relations, public and diplomatic sales.
* Handled the tasks of serving as the first point of contact to prospective partners and customers provided detail information of the product and services of the organization.
* Performed the tasks of calling prospective customers and developing business relationships with meeting industry associations.
* Handled responsibilities of interacting with senior sales team to achieve new-booked business and industry partnership quotas
* Processed sales queries and updated the same to the business executives evaluated, interpreted, and analyzed data and business processes.

**EDUCATION**

* Master’s in Computer Science from Lindsey Wilson College, USA 2020