**Abhilash Peddinti**

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**Professional Summary:**

* Having 9 years of experience in all the technical phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.
* Experience in developing the application with Agile Methodology, Waterfall Methodology and Test-Driven Development.
* Experience in Front-End UI technologies like HTML5, CSS3, JSON, Angular 8/7/ 6, and Node JS.
* Good working knowledge with Java 1.8 features like stream, Lambda expressions and functional interfaces etc.
* Having experience with Cloud Computing environment like, Amazon Web Services (AWS), Docker Containers.
* Developed Oracle PL/SQL store procedures and functions to process information used to generate reports.
* Handled operations and maintenance support for AWS cloud resources, which includes launching, maintaining and troubleshooting EC2 instances, S3 buckets, Auto Scaling, Dynamo DB, AWS IAM, Elastic Load Balancers (ELB), and AWS Lambda.
* Proficient in developing J2EE enterprise applications in Service Oriented Architecture and Micro Service Architecture.
* Experience with querying on data present in Cassandra cluster using CQL (Cassandra Query Language).
* Hands on Experience in developing web applications by using Spring framework modules like Spring IOC, Spring AOP, Spring MVC, and Spring Boot.
* Expertise in developing data models using Hibernate Object relational mapping (ORM) frame work and used Hibernate Annotations to reduce time at the configuration level
* Expert in Core Java with strong understanding of Garbage Collector, Collections, Multithreading, Event handling, Exception handling and Generics.
* Expertise in J2EE Technology- Servlets, Struts, Spring, JDBC, Hibernate.
* Experience with distinctive design patterns like Singleton, Factory, Prototype, Business Delegate, Session Façade and Service locator.
* CLOUDERA Certified Developer for Apache Hadoop CCDH
* Excellent understanding of Hadoop architecture and underlying framework including storage management
* Implemented Dynatrace on different cloud technologies like AWS, Azure and GCP. Worked on Dynatrace APM End to End
* implementation.
* Had ood
* atraceA mon im lementation ex erience.
* Strong development skills in Java, J2EE, JDBC, JSP, servlets, EJB J2EE , JNDI, RMI, C, HTML, XML, XSL, Java script, Rational
* ose, DB2, Oracle and S L Server.
* Have experience in installing, configuring and administrating Hadoop cluster for major Hadoop distributions like CDH 3,
* CDH4, and CDHSDevelop quality code adhering to Scala coding Standards and best practices.
* Good Understanding in databases such as Oracle, MySQL, SQL Server, and IBM DB2 databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers and packages
* Proficient with build automation tools like Gradle, Maven and Ant for builds and deployments to different environments.
* Experience in implementing Front end using HTML, CSS, jQuery mobile , Java Script, Bootstrap, Angular, Underscore, PHP, JSP,
* Involved in setting up Grails project and its configuration
* Implemented Grails Services and controllers to perform actions.
* Implemented IJI using Grails server pages.
* I-Jsed Grails command objects for validating non persistent objects
* Implemented Grails Restful web services using Grails
* Experience on different IDEs such as Eclipse, RAD, Spring Tool Suite, IntelliJ and deployment using Application Servers like Apache Tomcat, Web Sphere, , and Open Shift.
* Experience with JUnit, Mockito, Log 4J in developing test cases and determining application functionality.
* Experience in developing enterprise level solution using batch processing (using Apache Pig) and streaming framework.
* Experience in benchmarking Cassandra Cluster using Cassandra stress tool
* Excellent working experience on Big Data Integration and Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and web Methods technologies.
* Implemented Socket based Java Batch process to integrate with Apache Ignite.
* Migration of user data from Legacy System to Cassandra Database.
* Integrated Apache Kafka for streaming teh real time data from Cassandra DB.
* Expertise in technologie such az CSSS, JavaScript,
* jQuery, Thymeleaf, Béotztr$, and
* Migrating the existing project to Microsoft Åzure with Azure services.
* (using Spark Streaming, apache Kafka & Apache Flink).
* Experience on UNIX/LINUX Shell Scripting and Deployment of Applications in Server.
* Decent Experience in using code repository tools GIT, Tortoise SVN, and Visual Source Safe
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.
* Experience in automation and manual testing of websites and web-based clients using Selenium Testing and Selenium Web Driver.
* Good team player with strong work ethics and a quick learner with positive attitude.

**Education:**

Masters in Computer Science, Trine University

**Technical Skills:**

|  |  |
| --- | --- |
| **Domain** | **Technologies Used** |
| Programming Languages: | Java 17, 11, 1.9, 1.8, 1.7, 1.6, C, C++ |
| JAVA Enterprise  Technologies: | JDBC, Servlets 2.5/2.4, Spring Core, Spring Security, Spring JDBC, Spring Integration, Spring Batch, SOAP and RESTful Web Services, JPA, EJB 3.0, Hibernate 4.2. |
| Front End (Web): | HTML, XML, JSON, CSS, JSP 2.2/2.1, JSTL 1.2, Bootstrap, JavaScript, |
| JavaScript: | jQuery2.x/1.x, Angular 8/7/6/4/2, Node JS |
| Frameworks: | Struts 2.0, JSF 3.0, Spring 3.x/2.x, Apache Camel |
| Application Servers: | JBoss7.x/5.x, WebLogic 10.0/9.0/8.1/7.0, Tomcat 7,6, WebSphere 8.5 |
| Databases: | Oracle 12c/11g/10g/9i, MySQL5.0,4.1, |
| Build Tools: | Maven , ANT, GRADLE |
| Operating Systems | Windows 10/8/7/NT/XP/2000/98, Unix, Linux |
| Design Patterns: | Business Delegate, Front Controller, Singleton, Observer, DTO, DAO, MVC, Factory, Abstract Factory |
| Design Methodologies: | Agile, Scrum, Test Driven, Waterfall |
| IDEs: | Eclipse, NetBeans |
| Tools: | Junit 4.x, TestNG, Selenium, JMETER, Mockito |

**Work Experience:**

**Verizon – Piscataway, NJ Jan 2020 –until date**

**Java Fullstack Developer**

**Responsibilities:**

* Java developer involved in back-end and front-end developing team. Took part in developing, maintaining, reviewing and supporting quality code and services.
* Involved in Daily SCRUM meetings and weekly SPRINT Meetings.
* Implemented and developed UI components using Angular JS features like dependency Injection, Models, data binding and controllers.
* Assisted Deployment team in setting up Hadoop cluster and services
* Good experience in Generating Statistics/extracts/reports from the Hadoop
* Developed Interactive web pages using HTML5, CSS3, JavaScript and Bootstrap.
* Handled Java Multi-Threading part in back-end component, one thread will be running for each user.
* Modified Cassandra.yaml and Cassandra-env.sh files to set the configuration properties like node addresses, Memtables size and flush times etc.
* I-JSing Dynatrace Analyzed application performance while we are doing testing
* I-Jsed Dynatrace API's to create dashboard and reports for few applications
* Implemented design patterns In Scala for the application.
* Involved in the development of real time streaming applications using PySpark, Apache Flink, Kafka, Hive on distributed
* Hadoop Cluster.
* Responsible in configuring and setting-up Apache HTTP for teh development phase.
* Strong Knowledge and experience on implementing Big Data In Amazon Elastic MapReduce (Amazon EMR) for processing,
* managing Hadoop framework dynamically scalable Amazon EC2 instances.
* Individual contributor for developing service application to consume integrate with Kenexa using GRAILS, spring, hibernate,
* Groovy and Oracle.
* Implemented framework to read data from excel using groovy
* Implemented services in modeling analytics platform using Grails and Groovy to expose restful web services to get
* consumed b Cll la er
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime
* environment for the CI/CD s stem to build, Test and De 10 .
* Utilized Apache Spark with Python to develop and execute Big Data Analytics and Machine learning applications, executed
* machine Learning use cases under Spark ML and Mllib.
* web Technologies: HTMLS, CSSS, JnzScript, jQuery;
* Thymeleaf, Bootstrap, Ajax
* Experienced in following Apache Spring modules: IOC, Webservice, JDBC JMS templates
* Implemented Grails Services and controllers to perform actions.
* Implemented Grails Pagination to display data using Grails Templates and views.
* Worked on Oracle Reports and Discoverer 4.0.
* Modified Pl-SQL store procedures and functions to translate on the fly some words and phrases to English.
* Also used Quartz Scheduler, to run the program very often and hit the database and display the results in js\_N format.
* Used CSV Reader to convert the csv files into JSON format which required to create as Task in SQL Database.
* Translation of different reports made in Oracle reports and discoverer.
* Implemented the application using design patterns such as Session Facade, Business Delegate, Bean Factory, Singleton, Data Access Object, and Service Locator.
* Implemented various features of spring framework such as Dependency Injection, IOC, Annotations and Spring integration with Hibernate.
* Implemented application architecture of the System is based on Spring MVC (Model View Controller) Integrated application with Spring Security for form-based authentication.
* Worked on creation of custom Docker container images, tagging, pushing images, integration of Spring boot.
* Experienced in working with Spring JDBC Templates, JMS Templates, Spring EAI, Spring Rest Templates.
* Extensively used Hibernate 5.0 concepts such as inheritance, lazy loading, dirty checking and transactions.
* Experience in developing enterprise level solution using batch processing (using Apache Pig) and streaming framework
* (using Spark Streaming, apache Kafka & Apache Flink).
* Used Hibernate, object/relational-mapping (ORM) technique for mapping data from MVC model to MySQL Relational data model with an SQL-based schema.
* Experience in working with Spring Quartz framework and developed various quartz jobs.
* All the functionality is implemented using Spring IO / Spring Boot, Thyme leaf and Hibernate ORM.
* Performed importing data from various sources to the Cassandra cluster using Java/Python APIs.
* Configured internode communication between Cassandra nodes and client using SSL encryption.
* Exposing the Micro services to base on RESTful API utilizing Spring Boot with Spring MVC.
* Implemented Rest based web services using JAX-RS annotations, Jersey Provider and consumed using HTTP services from Angular JS modules.
* Big Data Developer implemented solutions for ingesting data from various sources and processing the Data-at-Rest
* sa
* utilizing Big Data technologies such as Hadoop, MapReduce Frameworks, MongoDB, Hive. Oozie, Flume, Sqoop and
* alend etc.
* Developed Application to assess JSON and XML from Restful web service using Angular JS.
* Developed Applications using Rule Engines, Drools 4.x, and ILOG to validate the business User Roles.
* Administered and deployed applications into JBoss Server.
* Used Java Messaging Services (JMS) for asynchronous exchange of information such as payment status.
* Worked on creation of Docker container images, tagging, pushing images, integration of Spring boot.
* I-Jnique experience with Pivotal Cloud Foundry and Open Shift/Kubernetes architecture and design, troubleshooting issues
* with platform components (PCF), and developing global/multi-regional deployment models and patterns for large scale
* developments/deployments on Cloud Foundry and OpenShift/Kubernetes
* Responsible for implementing the Web services using Spring Boot, Spring Config Server, Pivotal, Bit bucket, Spring CLI for
* encryption
* Designed and Developed applications using Apache Spark, Scala, Python, Nifi, 53, AWS EMR on AWS cloud to format,
* cleanse, validate, create schema and build data stores on S3.
* Assisted Deployment team in setting up Hadoop cluster and services
* Good experience in Generating Statistics/extracts/reports from the Hadoop
* Apache Ant was used for the entire build process.
* Worked on Spring cloud for Routing, Service-to- service calls, Load balancing.
* Database development required creation of new tables, PL/SQL Stored Procedures, Views, Indexes and Constraints, Triggers and required SQL tuning to reduce the response time in the application.
* Integration of automation batch run job with Jenkins. Worked with Jenkins Continuous Integration tool.
* Written Junit test cases to test services implemented in grails and groovy. used browser plug-in Postman to test web
* services.
* Implemented Grails plugin for Domain objects to use in multiple projects.
* Implemented Grails Services and controllers to perform actions.
* Implemented Grails plugin for Domain objects to use in multiple projects.
* 1m lemented IJI usin Grails server a es.
* Used JSX, Virtual DOM, one-way data binding features from React JS in building the application.
* Created the React JS components and triggered Angular code to render the React components using life cycle hooks.
* Used Spring framework for integrating the MVC components with business services.
* Involved in JAD sessions to gather requirements from the end clients.
* Used SVN as version management, Jira for defect management system.
* Used JUnit for unit testing of the application and log4j for logging.

**Environment:** Java 11, AWS, API’s, JSP, CSS, Apache, Groovy, HTML 5, Hadoop,Spring 5.0, React Js ,Spring Boot, Micro services, Hibernate, JMS, AWS, Maven, Kubernetes, Spring framework, Hadoop,Log4J, Grails,JDBC, Apache/Flink, Springboot, JavaScript,Grails, Ajax, Junit 4.0, Oracle 12G, PL/SQL, WebLogic 12, JPlanet, Unix, GitHub, JSON, React JS, Oracle, Web Services, Selenium, Cucumber.

**AIG – Jersey City, NJ May 2018 – Dec 2020**

**Sr. Java Developer**

Project scope here was to design and develop “MY Access” on MV architecture. Users of MY Access can find additional information like Plans accepted by each doctor, medical schools attended, board certification status, languages spoken, office locations, handicap access maps and driving directions and much more.

**Responsibilities:**

* Involved in Requirements gathering, Designing, Coding, Unit testing and Integration Testing phases of the project.
* Responsible for design and development of UI screens for the application using HTML5, JavaScript, AngularJS, jQuery.
* Designed and developed pipelines to consume streaming data from kafka and applied business logic to massage and transform and serialize raw data.
* Performed URI Monitoring IJsing HPBSM, Dynatrace
* Worked on Pl and P2 issues using Dynatrace, Splunk, Zabbix and HP SSM and given root cause to production teams
* Developed common Flink module for serializing and deserializing AVRO data by applying schema.
* Implemented RESTful webservices to make rest calls from client to server.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC).
* Excellent Experience in Hadoop architecture and various components such as HDFS Job Tracker Task Tracker NameNode
* Data Node and MapReduce programming paradigm.
* Working knowledge with databases including Oracle, MySQL, Apache Cassandra & Apache Ignite.
* Used Spring JDBC and Spring JPA to manage Data Access with DAO design pattern.
* Used Spring Boot and developed the application as microservices.
* Developed Spring Batch processing java application to read different file formats which feeds to the database.
* Developed the back end using Groovy and Grails, Value Object and DAO. used different design strategies like Faade pattern,
* proxy command pattern to efficiently use resources.  
  Architecture design and develop the whole application to ingest and process high volume mainframe data COBOL into
* Hadoop infrastructure using Hadoop map-reduce.
* Extensive experience in developing S4igpseryigeS using Spring Boot, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix) and
* followed domain driven design.
* Having experience in developing Splunk Dashboards and searches.
* Experience in using build/deploy tools such as Jenkins, Docker and OpenShift for Continuous Integration & Deployment for
* Microservices.
* Good Exposure on Apache Hadoop Map Reduce programming PIG Scripting and Distribute Application and HDFS.
* Good Knowledge on Hadoop Cluster architecture and monitoring the cluster.
* Extensively used SpringJDBC template and Hibernate for performing Database Transactions.
* PL/SQL queries and JDBC
* Sprmg, Spring Boot, IntelliJ IDEA, Eclipe, Git, MySQL Workbench, ETYIL, CSS, JavaScnpt, jQuery, Bootstrap,
* Windows
* module is developed for querying the database to get members.
* Implemented Grails plugin for Domain objects to use in multiple projects.
* Implemented IJI using Grails server pages.
* Extensively worked on developing IJI components using Angular(l .4/2) and JSON to interact Restful services like Jersey API.
* Implemented Grails TagLibs to avoid groovy code in GSP pages.
* Implemented JMS using Spring JMS module to communicate with Apache ActiveMQ queues.
* Created builds using Maven and pulled the project code from GitHub repositories.
* Responsible for deploying web applications packaged in Docker containers.
* Used Jenkins as integration tool and deployed war to WebSphere Application Server 8.5.
* Wrote Stored Procedures and complex queries in Oracle 11g database.
* Worked on AWS for Storage, content delivery and Application deployment services
* Deployed in Linux environment and used Tomcat as application server, UNIX shell scripts for data migration and batch processing.
* Implemented layered architecture for Hadoop to modularize design. Developed framework scripts to enable quick
* development. Designed reusable shell scripts for Hive, Sqoop, Flink and PIG jobs. Standardize error handling, logging and
* metadata management processes.
* Implemented Grails Spock Test cases for all existing controllers, Services and Domain classes
* Implemented Integration Tests cases for all existing controllers, Services and Domain classes
* Implemented Grails Services and controllers to perform actions.
* Implemented Grails Pagination to display data using Grails Templates and views.
* Used ReactJS to create custom components for data manipulations and to display data in company standard format.
* Documented the current database schemes either in Oracle or PostgreSQL using Erwin 4.0.
* Created DB Links to interact with other Oracle databases in the distributed database system.
* Wrote complex queries to get data requested by political parties. This data was obtained from the Oracle
* Implemented in setting up standards and processes for Hadoop based application design and implementation.
* Experienced in installing, configuring and monitoring the Datastax Cassandra Cluster, DevCenter and OpsCenter
* Experience in Importing data from various sources to the Cassandra cluster using Java API's .
* Experience in data modeling of Cassandra.
* Excellent understanding of Cassandra Architecture and management tool like OpsCenter .
* Developed test cases using Junit, Spring Test Module and created stubs using Mockito framework.
* Performed and maintained Selenium WebDriver Testing, automated test cases for regression test cases.
* Skilled in leading frameworks as React.js to build high-quality, scalable and reusable components and Front-end solution.
* Implemented the project in Agile methodology & participated actively in daily stand-up calls.
* Served as POC for on call support in the production team on a rotation basis.

**Environment:** JDK 1.8, J2EE, Core Java, HTML5,Hadoop,Splunk, CSS3, JavaScript, Oracle,Angular JS 2.0, jQuery 2.0, JSON, Maven 3.0, Bootstrap, Spring 3.x/4.x, JPA, Grails,Springboot, Apache/Flink, JDBC, Microservices, Jenkins,React Js, Cassandra,Apache Tomcat 7, WebSphere Application Server 8.5, Git, AWS, Selenium WebDriver, Eclipse IDE, Junit, Linux, Windows.

**Cognizant - Hyderabad, India Sep 2015 – Nov 2017**

**Java Developer**

Scope here was to design and develop a web-based application, which maintains all information of employees of each department and helps in calculating monthly salary of each employee, Income Tax, leaves and various other loans

**Responsibilities:**

* Involved in prototyping, proof of concept, design, Interface Implementation, testing and maintenance.
* Designed and developed front view components using HTML and JSP.
* Developed Interactive web pages using AJAX and JavaScript.
* Created smart navbar system in typescript that would retain a client context across multiple web apps using the query
* strin . Smart nav would automaticall determine selected navi ation node usi
* the browser URL.
* Developed UI navigation using Struts MVC architecture (JSP, JSF, tiles, JSTL, Custom Tags).
* Created services for various modules like Account (CD/Checking/Savings) Creation and Maintenance using Struts framework.
* Well experienced in tore Java - asynchronous programming, multithreading, collections and a few design patterns.
* Extensive working experience in Splunk which is helpful to have a overall highlevel health check on the application.
* Developed reusable utility classes in core java for validation which are used across all modules.
* Developed Java classes for implementing Business logics using EJB 3.0(Stateless session, entity, message driven beans).
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed,
* Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Implemented React router for building the single page application.
* Built React application utilizing Redux for state management.
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed,
* Created tasks for updating tsconfig tracked files based on glob, tslinting, and compiling typescript files.
* Implemented client side Interface using React JS.
* Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Experience Developing application using Groovy, GSP, GORM and Grails Plugins and Grails Rest Services
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using
* Spring AOP and Spring Actuator.
* Used props. states, keys, refs in React.js to build the I-II components.
* Used React-router to route the pages on the client-side and built SPA.
* Used JNDI to support transparent access to distribute/d components, directories and services.
* Provided data persistence via Hibernate for CRUD operations in the application.
* Configured and tested the application with database server Oracle 10g.
* Used Oracle, server databases as backend applications and generated queries using Toad.
* Deployed and tested the application with servers Tomcat, JBoss.
* CVS was used for the version control.
* Developed Splunk reports that provide a high level overview of the Application Health.
* Responsible for writing JUnit test cases and Peer level testing.
* Involved in bug fixing using Jira.
* Used Grails command objects for validating non persistent objects.
* Involved in developing various reusable Helper and Utility classes using Core Java, which are being used across all the modules of the application.

**Environment:** Java 1.4 HTML 4, JavaScript, JSP 2.2, JSTL 1.2, Struts 2.0, EJB 3.0, Hibernate 3.0, JNDI, XML, AJAX, SOAP, WSDL, UML, Shell Scripting, JUnit, Grails,log4j, JMS, Apache Tomcat 6.0, JBoss 5.0, Oracle 10g Database, Toad, CVS, Eclipse, Windows NT, Unix/Linux.