**Daggubati Ajay Kumar**

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**PROFESSIONAL SUMMARY**

* **Having 6 years** of experience in all phases of the **Software Development Life Cycle (SDLC)** which includes Design, Implementation, Development, Testing, Integration and Deployment of Enterprise Web based applications using **Java/J2EE technologies.**
* Expertise in working with Waterfall, **RUP** (Rational Unified Process), Agile and Scrum methodology environments.
* Extensively involved in **Test Driven Development** (TDD).
* Experience with **Java 1.8** features such as **Lambda** Expressions for making inline function calls by using Functional Interfaces which makes code readable and concise.
* Experience working with **Amazon Web Services** like **EC2, S3 bucket, EKS, MKS, Lambda, Bed Rock, RDS, SQS, Elastic Load Balancer, and Dynamo DB,** through **AWS Console** and **API Integration**.
* Experience in building **Micro Service** applications usin**g Spring Boot** for developing **RESTful Web services.**
* Experience in Creating and configuring the continuous delivery pipelines for deploying **Microservices** and **Lambda** **functions** using **Jenkins** CI server.
* Hands on Experience with **Amazon Web Services (AWS) Cloud platform** with its features including **EC2, SNS, EBS, S3, Lambda, CloudWatch, Cloud Trail and IAM** Security Groups that are utilized for different environments like dev, testing, Production.
* Proficient in the implementation of frameworks like **Struts, Spring Boot, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, Spring Data, Spring Batch, JSF,** and **ORM** frameworks like **Hibernate** and **IBATIS.**
* Knowledgeable with RDBMS concepts like writing SQL Queries. Working experience with Relational DBMS like **MySQL, Oracle SQL PL/SQL, SQL Server (MS SQL), DB2,** and **NoSQL DBMS** like **MongoDB** and **Oracle Performance Tuning.**
* Expertise in developing **web pages** using **HTML5, CSS3,** **JavaScript, jQuery, Ajax, AngularJS** and **NodeJS** with webpage cross-browser compatibility and responsive web design using **Bootstrap**
* Designed and developed a Java batch application responsible for retrieving attachments from Salesforce cases and loading them into **FileNet**, streamlining data management processes.
* Collaborated with the team to migrate the existing on-premise application to **AWS,** optimizing performance and scalability.
* Responsible for orchestrating **CI/CD processes** by responding to Git triggers, human input, and dependency chains and environment setup.
* Utilized AWS services such as ECS Batch to create a robust batch processing environment, ensuring efficient daily execution of the Java application.
* Managed **AWS** Identity and **Access Management (IAM)** roles and policies to maintain a secure and controlled access environment.
* Worked extensively with **CloudFormation** to automate infrastructure deployment and scaling according to project requirements.
* Implemented advanced monitoring and log analysis using **CloudWatch,** ensuring real-time visibility into application performance and health.
* Successfully integrated and maintained the **Java batch application,** adapting to evolving project needs and requirements.
* Assisted in the second phase of the project, refactoring the **Java code** to use **alternate APIs,** which improved system adaptability and future-proofed the application.
* Expertise in the development of multi-tiered enterprise applications using **Java/J2EE** technologies like **Spring, Struts, Servlets, JSP, Hibernate, JDBC, JMS, IBM MQ Series, JNDI, and Java Beans.**
* Experience in Distributed Application Development and Object-Oriented Programming (**OOP**).
* Configured **AWS Identity** and **Access Management (IAM**) Groups and Users for improved login authentication.
* Good experience to setup, and configuring continuous build processes using **Jenkins, Maven, Ant, and Gradle.**
* Extensive experience in developing applications using **Java**, **Java Beans**, **JSP**, **Servlets**, **Apache Struts framework**, **JDBC**, **JNDI**, **JMS, MQ,** **XML: XSLT, DTD or Schema modeling, DOM/XPath/SAX parsing,** **JDWP, Spring**, **Spring Boot, Spring Batch, Spring dynamic modules (OSGI), Hibernate**, **AJAX**, **JUnit**, **stubby,** **Oracle**.
* Proficient in developing **Web Services**, related technologies & frameworks**: WSDL, SOAP, REST, SOAPUI** and generating client’s client using Eclipse for Web Services consumption.
* Experience in developing **Server-Side Code** with good knowledge of enterprise and persistence design patterns like **Singleton, Factory, Facade, Front** **Controller, Data Access Object and MVC**.
* Experience in software configuration management using **CVS**, **Tortoise** **SVN**, **GitHub** and **IBM Clear Case.**
* Extensively worked on JIRA for tracking stories in a Project in a different methodology of **Software Development Life Cycle**.

**TECHNICAL SKILLS**

| **Languages** | C, C++, Java, J2EE, Kotlin, SQL, PL/SQL |
| --- | --- |
| **J2EE Technologies** | Servlets, JDBC, JSP, JMS, Java Security. |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, JUnit, SOAP UI, Groovy, ANT, Maven, Webflux, Jenkins, Apache Active MQ, Apache Camel, OAuth 2.0, LDAP. |
| **Web services** | Micro Services, AWS (Amazon Web Services), SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2 |
| **Mark-up/XML Technologies** | HTML5, CSS3, JavaScript, jQuery, AJAX, AngularJS, XML, XSD, XSL/XSLT, SAX/DOM, JSON. |
| **Web/App Servers** | IBM WebSphere, Apache Tomcat, JBoss, Web Logic Server |
| **Database** | Oracle, SQL-Server, MySQL server, TOAD, MongoDB/NoSQL, PostgreSQL |
| **IDEs** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD |
| **O-R mapping** | Hibernate, IBatis |
| **Modeling/ CASE Tools** | Rational Rose, Microsoft Visio Professional |
| **Testing Tools/ Others** | JUnit, Soap UI, Putty, Rational Clear Quest. |
| **Cloud (AWS, PCF)** | AWS Services EC2, RDS, SQS, SNS, Load Balancers, IAM, Dynamo DB, S3, Route 53, Cloud watch, VPC services. |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case, GitHub |
| **OS & Environment Monitoring Tools** | Windows, Ubuntu, UNIX, Linux, Mac Splunk, Grafana, HoneyComb |

**PROFESSIONAL EXPERIENCE**

**United Health Group , Minneapolis, MN Sep 2022 – Present**

**Java/J2EE Developer**

**Description:** UnitedHealth Group Incorporated is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) managed healthcare and [insurance](https://en.wikipedia.org/wiki/Insurance) company based in Minnetonka, Minnesota. It offers health care products and insurance services. UnitedHealth Group is the world's eighth largest company by revenue and second-largest healthcare company. The company is ranked 8th on the 2021 Fortune Global 500.UnitedHealth Group has a market capitalization of $400.7 billion as of March 31, 2021

**Responsibilities:**

* Used **Java 8 Lambda** expressions along with **Streams** for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection Objects.
* Involved in creating **EC2** instances and installed required configurations and applications on it and created **S3** buckets for storing object level data into it.
* Designed, configured and deployed Amazon Web Services (**AWS**) for a multitude of applications utilizing the **Amazon cloud formation**.
* Responsible for managing **AWS** resources in cloud and maintain Continuous Integration and Continuous Deployment pipeline for fast paced robust application development environment.
* Implemented multiple **CI/CD pipelines** as part of DevOps role for us on-premises and cloud-based software using Jenkins, Chef and **AWS/Docker**
* Worked in spark cluster computing technology.
* Worked on core **AWS services** such as Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IP's, auto-scaling and Cloud Formation
* Experience with **PySpark** and Spark-SQL, testing, debugging spark routines.
* Configured **AWS** Identity and Access Management (**IAM**) Groups and Users for Improved Login authentication.
* Developed **RESTful** Web services for transmission of data in **JSON** format.
* Created and Configure **Micro Services architecture** for **CDT Directory** project and integrated with **AngularJS** application.
* Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Developed API’s using Spring Boot Architecture.
* Created **CI/CD pipeline** using a combination of proprietary software, **Jenkins, Docker, Kubernetes**, and Custom Script
* Designed and Developed dashboard menu section, Home page, Admin home page, user module (Modify/search users, create user’s screens with assigning various roles) using **Spring** **MVC** framework, **Hibernate** **ORM** Module, **Spring Core** Module, **XML**, **JSP** and **XSLT**.
* Clearing and managing **the Personal Loans, merchant acquiring, customer billing.**
* Used advanced level of HTML5, JavaScript, CSS3 and pure CSS layouts (table less layout).
* Managing all **the transaction authorizations, dispute management**.
* Wrote extensive HTML5, Bootstrap and JavaScript code
* Developed Single Page Applications (SPA) i.e. web applications and added rich functionality using Angular Jess, Bootstrap, and Nodes.
* **AngularJS Ajax** module is used to handle **RESTful** calls to enable communication between view components and server.
* Works on production support for the batch jobs which runs every 15 minutes.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring** **Boot, Spring Security**, **Spring Batch.**
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details etc.
* Pairing and mob programming with the team to understand requirements and resolve issues soon.
* Developed, tested, and deployed application in **Node**.js.
* Added **Node** Scheduler for time-based scheduling.
* Developed React Components and used Redux Promise API for making async calls.
* Installed and configured JBOSS/Drools server with MySQL/Oracle persistence. Extracted rules data from the database and decision tables.
* Create and maintain fully automated CI/CD pipelines for code deployment using **DevOps** tools.
* Proficient in developing Continuous Integration/ Delivery pipelines.
* Written **SQL Queries** and **stored** **procedures** to interact with **Oracle DB.**
* Used **Maven** as build automation tool for deploying the project on **WebSphere Application Server.**
* **RESTful** web services using Jersey for **JAX**-**RS** implementation.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **Spring Security**.
* Used Angular for databinding, and **NodeJS** for back-end support with APIs.
* Used **NodeJS** to implement and deliver customer-facing solutions.
* Developed various helper classes needed following Core **Java multi-threaded** programming and Collection classes.
* Developed test cases using **Junit** and the build scripts using **Maven.**
* Create and configured the continuous delivery pipelines for deploying **Micro services** by using **Jenkins** CI server.

**Environment:** Java 1.8, J2EE, Hibernate, Spring MVC, Spring IOC, Spring boot, spring security, OAuth, XML, GIT, JSP, JUnit, Maven, DevOps, CI/CD, Docker, Jenkins, Kubernetes, HTML5, CSS3, jQuery, Ajax. Bootstrap, JavaScript, AngularJS, NodeJS, IBM WebSphere, Apache AXIS, JAX-WS, Restful, Amazon Web Services (AWS), S3, GraphQL, Micro Services, Log4J, Oracle, Mongo DB, WSDL, JIRA and Spring Tool Suite.

**IBBS, Atlanta, Georgia Dec 2021 – sep 2022**

**Full Stack Developer**

**Description:** **Integrated Broad Band services** is an American company it provides broadband network management software and services that offers its services to consumers and businesses. Providing services to over 230 broadband and cable providers trust us to deliver the advanced services that create an unmatched end user experience and measurable results.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development and testing.
* Used Eclipse to develop source code as well as debug the application and used Maven as build tool.
* Analyzed documented detail Test plans, Test cases and expected results based on the business functional requirements
* Involved in bug fixing of various modules in the application that were raised during testing.
* Used GIT and Stash for creating branches, pull requests and merging
* Followed Agile development environment, involving daily stand-up meetings on call and participated in project discussions.
* Used Jira for bug tracking and task management.  Logging using Logback tools.
* Used the **node**.js MVC Frameworks in the development of web applications.
* Created REST API's which returns the resources for applications like Customer Hub, Billing System, and Tracking System.
* Mainly responsible for developing **RESTful** API using Spring framework. Developed different controllers that return the response both in JSON and XML based on the request type.
* Debug the application using Firebug to traverse the documents and manipulated the **nodes** using DOM and DOM Functions.
* Designed and Developed Web services using SOAP and REST API.
* Gained knowledge while working for POC on of our projects on Elastic Search, **DevOps** technologies.
* Brushed up knowledge and worked with **DevOps** tools with continuous deliveries deployments.
* Experience in developing CI/CD pipelines.
* Coordinated with the QA team for testing and solved any issues reported
* Build & deployed wars using Maven, **Tomcat** on UNIX environment
* Developed the RESTful API, to interact with the different type of document and convert to appropriate version to handle.
* Used kafka in a POC to send data and persist on Cassandra Database.
* Install kafka on Hadoop cluster and configure producer and consumer coding part in java.
* Deployed the Application on Tomcat server.
* Used Micro services architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Created unit test cases for Smoke & Regression Testing using Cucumber and Junit testing framework.
* Debugging the application by running the server in debug mode and having the experience in usage of log4J to log the information in log files.
* Created REST MicroServices APIs using Spring Boot Application.
* Setting up the test environment for developed classes using JUnit framework and maintaining the error log using Log4j Jar file.

**Environment:** Spring Boot, Log4j, GIT, MyEclipse, JSON, XML, SOAP, HTML, CSS, JavaScript, Kafka tool, Web Services, Apache Tomcat, Web logic application server, SNS, SQS, spring Tool suite, Java 1.8, J2EE, Maven, JIRA.

**ITFigs Infotech, pune, India July 2018– Sep 2021**

**Java Developer**

**Description:** The Company provides software products, IT services and business process outsourcing for a variety of industries including insurance, banking, capital markets, manufacturing and retail. The company also sells services such as Business Intelligence and analytics, testing and compliance, application development and maintenance.

**Responsibilities:**

* Developed web application using **Struts,** **JSP, Servlets, Java beans** that uses MVC design pattern.
* Wrote JavaScript for client-side validation.
* Used **AJAX API** for intensive user operations and client-side validations.
* Developed user interface using **JSP, JSP Tag libraries, third party libraries** and Java Script to simplify the complexities of the application.
* Created user-friendly GUI interface and Web pages using **HTML, CSS** and **JSP.**
* Used multithreading in programming to improve overall performance using Singleton design pattern in **Hibernate** Utility class.
* Wrote Stored Procedures and complicated queries for **IBM DB2.**
* Worked on parsing the **XML** files using **DOM/SAX** parsers.
* Implemented **Log4J** for Logging Errors, debugging and tracking using loggers, appender’s components.
* Used **Rational Clear Case** for version control and Clear Quest for bug tracking.

**Environment**: Java, JDBC, Struts, JavaScript, HTML, CSS, JSP, Servlets, Tomcat, Oracle, Eclipse IDE, CVS, ANT, Log4J.

**Bachelors in Electronics and Computers at under JNTUK university in 2018.**