**Jagadeesh**

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**ProfessionalSummary:**

Professional **Full Stack Java Developer** with 9+ years diverse experience in objected-orientedanalysis, designand expertise in all facets of **Software Development Life Cycle** from analysis to maintenance.

* Hands on experience in all stages of **Software Development Life Cycle (SDLC).**
* Extensive experience in developing applications using Java and related technologies using methodologies like **Agile, Spiral and Waterfall** frameworks.
* Profound knowledge in front end languages like **HTML5, JavaScript, React JS, jQuery, CSS/CSS3,PHP, Bootstrap and JSON.**
* Good knowledge on front end technologies for web development using **Angular2, Node JS, Java Script and jQuery.**
* Strong programming skills in **Core Java** such as **Multithreading, I/O Streams, Collection Interfaces, and Exception Handling**.
* Extensive knowledge in **Data Structures and OOPS** concepts.
* Proficient in frameworks like **Spring MVC, Spring IOC, Spring AOP, JPA and Hibernate.**
* Good knowledge on **Microservices** like **Spring Boot** that helps in creating independent services deployed easily.
* Experience using J2EE Design Patterns **like Singleton, Factory and Facade Pattern** for reusing most efficient and effective strategies for new development.
* Experience with Java technologies like **JSP, JDBC, JMS and Servlets.**
* Expertise in coding optimized **SQL** queries on databases like **MySQL, POSTGRES and Oracle**.
* Profound Knowledge in writing **NoSQL** queries using **MongoDB and DynamoDB.**
* Good experience in handling **SOAP** based web services and **RESTful** web services.
* Experience in using Building tools like **ANT & MAVEN**.
* Extensive knowledge in using application servers like **Tomcat, Web sphere and Glass Fish.**
* Experience in **AWS Cloud** platform and its features which includes **EC2**, **EBS, Cloud watch**, **AWS Config,Auto-scaling** and **AWS S3**.
* Experience in real-time monitoring and alerting the applications deployed in **AWS** using **Cloud Watch**, **CloudTrail** and **Simple Notification Service** to maximize resource allocations.
* Extensively utilized containers like **Docker** to build a microservice based architecture using **Spring Boot**.
* Extensive experience in implementation of the version control software such as **GIT, SVN, CVS and Bitbucket.**
* Experience **in Unit Testing** and generating of Test cases using **Junit.**
* Good Knowledge in using mocking frameworks for Unit testing like **Mockito, Easy Mock**.
* Experience with **RabbitMQ** for exchange of data between applications, processes and servers.
* Proficient in working with debugging tools **Firebug, Chrome, Safari web inspectors and IE Developer Toolbar.**
* Extensive knowledge on continuous integration and continuous deployment tools like **Jenkins** and **Bamboo**.
* Strong experience with IDE’s like WebStorm, Eclipse, NetBeans, Sublime Text and Microsoft Visual Studio.
* Expertise with Tableau, R, Vega lite and D3 JS.
* Experience in using different Operating Systems/ platforms like Windows, Linux, and UNIX.

**Technical Skills:**

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| JAVA EE TECHNOLOGIES | JSP, SERVLETS, JDBC, JAVA BEANS. |
| PROGRAMMING LANGUAGES | C, C++, Java |
| FRAMEWORKS | SPRING MVC, SPRING IOC, SPRING BOOT, SPRING CORE, SPRING AOP, Microservices, HIBERNATE. |
| WEB TECHNOLOGIES | HTML/HTML5, CSS2/CSS3, XML, JAVASCRIPT, TYPESCRIPT, PHP, BOOTSTRAP, DHTML, SASS |
| TECHNOLOGIES | ANGULAR, REACT JS, NODE JS, JQUERY, JSON. |
| DATABASE | MYSQL, MSSQL, PL/SQL(ORACLE), MONGODB, DYNAMODB, POSTGRES. |
| WEB APPLICATION SERVERS | APACHE TOMCAT, JBOSS, GLASS FISH |
| BUILD TOOLS | MAVEN, ANT, JENKINS |
| TESTING | JUNIT, INTEGRATION TESTING, MOCKITO, POWER MOCK |
| IDE & TOOLS | NETBEANS, ECLIPSE, SPRING TOOL SUITE, BRACKETS, SUBLIME TEXT EDITOR, WEBSTORM AND DREAMWEAVER |
| VERSION CONTROL | GITHUB, SVN. |
| OPERATING SYSTEM | WINDOWS 7/8/10, MAC OS X, UNIX/LINUX. |

**Work Experience:**

[**Houghton Mifflin Harcourt**](https://www.hmhco.com/)**– Chicago, IL. Sept 2017 to Present**

**Full Stack Java Developer**

Provided web development services for Higher Education institutions in North America and throughout. Efforts to stabilize and to modernize the JX suite of software applications while at the same time launching a new initiative to build native cloud hosted multi-tenant applications on the AWS platform. The architecture was microservices based to separate the concerns and achieve low coupling between modules with the help of containers

**Responsibilities:**

* Experience in several phases of **Software Development Life Cycle (SDLC),** such as requirement analyzing, design, development, integration and testing.
* Designed web pages using **HTML5, CSS3, JavaScript, jQuery and Angular 4.**
* Utilized **Angular 4** framework for building and consuming the Restful microservice and rendering the appropriate in the User Interface.
* Rendered and styled the User Interface with **PrimeNG** components.
* Used **Spring MVC** for development of web based applications using views and **DAO** layers.
* Used **Spring MVC, Spring ORM, Spring Boot** and **Spring Security module** to integrate with database to implement persistence layer in **ORM**-**Hibernate**.
* Designed **REST** APIs that allow sophisticated and effective application integration.
* Developed Microservices using **Spring Boot** to develop web applications for easy readability of the code and debugging purposes.
* Involved in unit testing using **Junit** and **Integration** testing.
* Used **Log4J** for logging errors in the application.
* Worked on **MongoDB**database concepts such as locking, transactions, indexes, replication and schema design.
* Used **JIRA** tool for project management tracking, Issue tracking and bug tracking.
* Utilized **Jenkins** for Continuous Integration and **Bitbucket** as repository as part of the project environment.
* Used **Maven** for build framework and **Jenkins** for continuous build system.
* Infra-structure development on AWS using various services like **Chef**, **EC2**, **S3**, **RDS**, **Route 53**, **Cloud Front**, **CloudWatch**, **IAM**, **VPC** etc.
* Provide highly durable and available data by using **S3** data store.
* Deployed applications on **AWS** by using **Elastic Bean Stalk**.

**Environment**: Java, J2EE, MAVEN, Spring Boot, Microservices, MongoDB, Spring MVC, Spring JDBC, HTML5, CSS3, JavaScript, XML, Node JS, Agile, Angular4, Factory, Hibernate, Cache, Git, JIRA, MAVEN. Log4J, jQuery, Eclipse, AWS EC2, Cloud Watch, S3, Lambda, Cloud Formation, EBS.

**Triplefin – Cincinnati, OHMay 2016 to Sep 2017**

**Full Stack Java Developer**

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Project dealt with developing UI with ability to search the transactional log data with filters based on the drug name and pharmacy names etc. Backend of the application deals with exposing the relevant log data and create a Restful API and exposing that API to be consumed by UI at the front-end. Application developed had ability to create and submit new benefit verification requests to the clearing house and render the appropriate response in the UI whether the request submitted has been accepted or rejected.

**Responsibilities:**

* Involved in the analysis, design, development and testing phases of **Software Development Life Cycle (SDLC).**
* Developed Web pages using **JavaScript, HTML, Angular JS, NodeJS,XML and CSS** for creating user interface dynamic web pages.
* Used Annotations based **Spring** Framework for auto wiring and injecting the required dependencies to implement business logic.
* Used **Java Persistence API** (**JPA**) and **Hibernate** for performing the Database Transactions.
* Worked on **RESTFUL Services** for representing data records over Http protocol using GET, POST, PUT and DELETE methods.
* Worked in **Multithreading** and connection pooling to synchronize the data when more users come in and dealt with concurrency issues using **Singleton** Class.
* Developed application using **JM**S for sending and receiving JMS Queue messages and for the subscription of the message services.
* Developed microservices using **Spring Boot** which are easy to deploy and maintain.
* Implemented Rest Services using **Spring Boot** for communication within the applications.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Used **JIRA** tool for project management tracking, Issue tracking and bug tracking.
* Involved in writing Unit Test cases for the application using **Junit** test cases
* Responsible for creating an instance on AWS**Amazon EC2** and deployed the application on it.
* Used **RabbitMQ** as a message broker for communication between the applications.
* Used **MongoDB** for storing, retrieving and managing document-oriented information.
* Used **AWS S3** to store data and used **cloud watch** to monitor the application.
* Automate build process by writing **Maven** build scripts.
* Used **Git** as a version control tool.

**Environment:** Java 1.7, J2EE, Spring 3, Hibernate 3, Java SDK, Angular JS, JavaScript, REST, JSON, JSP, CSS3, HTML, jQuery, Spring Security, RabbitMQ, JDBC,MYSQL, GIT,Microservices,Spring Boot, MAVEN, Log4J 1.2, Scrum.

**UBC Financial Services Chicago, IL. Feb 2015 to Apr 2016**

**Worked on Mobile Application for this company**

Personal Loans is a payment processing system developed to allow the scheduling and fulfillment of personal loan payments for Capital One Customers towards his/her Personal Loan account. This service is intended to be availed only by existing Capital One Customers who have an associated Card Account with Capital One. Any payments made by the customer to his/her Personal Loan are linked to the card Account. This Personal loan middleware application is developed under Zeno Framework that consists of RESTful APIs and Spark batch Job for scheduling, processing and fulfillment of customer Payments.

**Responsibilities:**

* Actively contributed to software development (using open-source software, such as Python/Django, PHP, Linux, MySQL, and TCP/IP, HTTP, etc.) that engaged users
* Brought SDLC best practices to our web applications development team
* Collaborated with UI and UX team to make application user friendly
* Collaborated with external designers to coordinate delivery of software application
* Collaborated with internal and external teams such as Product Managers, QC Testers
* Contributed to the design and development of mobile software libraries, tools and applications
* Created efficient and fast front-ends for our consumer site, partner portals, and monetization system
* Created new applications which leveraged our core infrastructure in new and exciting ways
* Developed, enhanced, and debugged software applications that support external clients as well as internal business units or supporting functions.
* Helped Post Production support and bug fixes
* Implemented and tested core components
* Interfaced with internal/external mobile development teams from a technical and design perspective
* Maintained code quality across multiple mobile software development environments
* Participated in the design, development, and implementation of complex server and mobile based applications
* Profiled and helped optimize the code to get the best possible performance across various devices
* Researched and validated key technology decisions for our core applications and customer facing offerings
* Supported system integration, component integration and user acceptance testing
* Supported, maintained, and tested software applications that support external clients as well as internal business units or supporting functions
* Worked closely with designers, artists and other developers to expand and tune our product offering for the mobile arena
* Worked with Operations team to ensure smooth deployment of product releases and updates
* Worked with senior team members to define technical scope of products and their features

**Environment:** Java, J2EE, Spring 3, Hibernate 3, Java 1.8, Angular 1.6, JavaScript, REST, JSON, CSS3, HTML, jQuery, JDBC, Spring JPA, MYSQL, GIT, Microservices, Spring Boot, MAVEN, Log4J 1.2.

**Florida Power & Light, Miami, FL Dec 2013 to Jan 2015**

**Sr. Java Full Stack Developer**

Power Tracker is a comprehensive software solution for all North East Florida deregulated power markets that is used to report power outages. Customers can report power outages/Hazard Conditions/Malfunctioning of Streetlight etc. online, check status of already reported online/Phone. Customers can also find out the causes of momentary power outages online.

**Responsibilities:**

* Involved in the complete **SDLC** including design of System Architecture, development of System.
* Designed and developed the application using **AGILE-SCRUM** methodology.
* Developed presentation layer using **JavaScript, HTML,CSS and jQuery**.
* Business logic is implemented using **Spring Core** and **Hibernate**.
* Developed SQL Queries for performing **CRUD** operations in Oracle for the application
* Used **Log4j** for setting up debugging and error information for production support and to capture the runtime exceptions.
* Used **Spring MVC** (Model View Controller) to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Used **HQL (Hibernate Query Language**) for queries in database and to retrieve the results
* Used design patterns like **Singleton, Factory and Proxy** Patterns.
* **Used Spring IOC, AOP** modules for integration with the application.
* Involved in developing **Hibernate DAO classes, mapping** files for persistence layer.
* Hands-on experience with developing applications using **MongoDB**.
* Developed **Unit /Integration** test cases using Junit tool.
* Worked with Shell Scripting on **Linux** Environment.
* Used **SVN** for the version control management.

**Environment**: Java, J2EE, Spring, Hibernate, Java SDK, JavaScript, JSON, JSP, CSS3, HTML, DHTML, jQuery, AJAX, JDBC, Oracle, MYSQL, GIT, REST, MAVEN, Log4J 1.2, Scrum.

**Lansys Technologies, Hyderabad, India Jan 2011 to Nov 2013**

**Java J2EE Developer**

Account Transfer is an online banking service provided for corporate accounts. The Actuate Reporting Service is responsible to manage and enables the valid user to check the transactions using different search criteria.

**Responsibilities:**

* Involved in the complete **SDLC** including design of System Architecture, development of System.
* Designed and Developed User Interactive (UI) of Web pages with the help of **HTML, CSS, JavaScript and jQuery.**
* Designed responsive web pages using the **bootstrap** features.
* Developed internal coding using J2EE technologies based on the **MVC** Architecture.
* Implemented Business Logic using Java **Spring MVC** and **JDBC Template**.
* Developed the Controller, Service layer, DAO layer using **Spring MVC**&**Spring JDBC**.
* Developed Business objects using POJOs and data access layer using **Hibernate** framework
* Involved in the implementation of **REST** based web services.
* Used annotation-based Spring MVC for implementing **Dependency Injection and Auto wiring**feature of Spring framework.
* Used **JDBC Template** Framework for communicating with **Oracle 11g** database.
* Developed Unit/Integration test cases using **Junit** tool.
* Actively involved in getting the production issues resolved.
* Used **CVS** for the version control management

**Environment:** Java, J2EE, Spring, JDBC Template, Java SDK, SOA, JavaScript, REST, JSON, JSP, CSS3, HTML, DHTML, J Query, AJAX, JDBC, Oracle, GIT, MAVEN, Log4J 1.2, Scrum.

**HCL Systems – Hyderabad, India Jul 2008 to Dec 2010**

**Java Developer**

**Responsibilities:**

* Implemented the project based on the guidelines of the **Software Development Life Cycle(SDLC).**
* Worked on the project using **Agile** Methodology.
* Developed user interfaces using **HTML, XHTML, AJAX, CSS, JavaScript and jQuery.**
* Developed and implemented the business logic using **EJB framework** and developed Message Driven Beans for asynchronous tasks.
* Used **JBOSS** server for the design and the implementation of the servlets.
* Involved in Database design and developing **SQL Queries**, stored procedures on MySQL.
* Used **Java Message Service** (JMS) for reliable and asynchronous exchange of important information to alert the customer in cases of transfer of huge sum of money account.
* Involved in the Inspection/Review of quality deliverables such as Design Documents.
* Used **SVN** for version control.

**Environment**: Java, J2EE, Java Servlets, JSP, EJB, JBOSS, Junit Test cases, HTML, jQuery, JavaScript, MySQL,SVN.