**Ashish**

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| **PROFESSIONAL SUMMARY** |

* Around 8 years of extensive IT experience in all phases of **Software Development Life Cycle (SDLC)** which includes Development, Design, Analysis, Testing, and Integration of various web based and client/server applications in multi-platform environments with **JAVA/J2EE** technologies. Experience in developing applications using **SDLC** methodologies like **Waterfall, Agile (SCRUM)** and **Test-Driven Development**.
* Experience in Front-End UI technologies like **HTML5, CSS3, jQuery, JSON, Ajax, AngularJS, Bootstrap, JSTL** with cross browser compatibility of webpage and **responsive web design** andServer scripting language like **Node JS.**
* Developed the application using **Java 1.8** and implemented its features like **lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.**
* Having experience with Cloud Computing environment like **Amazon Web Services (AWS)** and **Docker Containers.**
* Handled operations and maintenance support for **AWS** cloud resources which includes launching, maintaining and troubleshooting **EC2 instances**, and **S3** **buckets**, **Auto Scaling**, **Dynamo DB, AWS IAM**, **Elastic Load Balancers** (**ELB**) and Relational Database Services (**RDS**).
* Proficient in developing **J2EE** enterpriseapplications in **Service Oriented Architecture** and **Microservice Architecture.**
* Hands on Experience in developing web applications by using **Spring** framework modules like **Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Batch** and **Spring Data.**
* Expertise in developing data models using **Hibernate** Object relational mapping (**ORM**) framework 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, JTA, JPA, Hibernate** and **JMS.**
* Experience with distinctive **design patterns** like **Singleton, Factory, Prototype, Business Delegate, Session Facade, Observer, Decorator, Front Controller, DAO** and **MVC.**
* Worked with design and development of robust and highly scalable Web Service platforms and **API’s** based on **REST** and **SOAP** for enterprise applications using **AXIS,** **WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC** technologiesand **Jersey** frameworks.
* Expertise in **XML** technologies such as **XSL, XSLT, XML schemas, XPath, X-Forms, XSL-FO** and **parsers like SAX, DOM.**
* Expertise in backend/server-side java technologies such as **Web services**, **Java persistence API** (**JPA**), **Java Messaging Service** (**JMS**), **Java Database Connectivity** (**JDBC**) and **Java Naming and Directory Interface** (**JNDI**).
* Experienced in building **Web Services** for **Service Oriented Architecture** (**SOA**).
* Good Understanding in **databases** such as **Oracle, MySQL, SQL Server, Mongo DB and IBM DB2** databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers and packages.
* Proficient with build automation tools like **Maven**, **Gradle3.0** and **Ant** for builds and deployments to different environments.
* Experience on different **IDEs** such as **Eclipse, RAD, Spring Tool Suite, IntelliJ** and deployment using Application Servers like **Apache Tomcat, WebLogic, Web Sphere** and **JBOSS.**
* Experience with **JUnit, Mockito, and Log4j** in developing test cases and determining application functionality.
* Decent Experience in using code repository tools **GIT**, **Tortoise SVN** and **Clear case.**
* Effective communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.

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| **TECHNICAL SKILLS** |

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| **Languages** | C, C++, Java 1.8, J2EE, PL/SQL. |
| **Web Technologies** | HTML5, CSS3, JavaScript, AngularJS, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, jQuery, Bootstrap, JSON, NodeJS. |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Cloud, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Spring Batch, Spring Security, SOAP UI. |
| **J2SE/J2EE Technologies** | JDBC, Servlets, JSP, JMS, JSTL, Struts, Hibernate, Spring, JTA, JNDI, JPA, Web Services. |
| **Development Tools** | Eclipse, RAD, Spring Tool Suite STS, IntelliJ. |
| **Databases** | Oracle, MS SQL, IBM DB2, MySQL server, Cassandra DB. |
| **Testing Tools/ Others** | JUnit, SoapUI, Log4j, Mockito, JIRA. |
| **Version Control** | Tortoise SVN, GIT, Clear case. |
| **Build Automation** | ANT, Jenkins, Maven, Gradle. |
| **OS & Environment** | Windows, UNIX, LINUX, MAC. |
| **Cloud Technologies** | AWS EC2, S3, Dynamo DB, Docker. |
| **Methodologies** | Agile, TDD, Waterfall. |

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| **PROFESSIONAL EXPERIENCE** |

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| **Client: Fannie Mae March 2020 – Present**  **Location: Plano, TX**  **Role: Full Stack Java Developer** |

**Description:**  The existing TBA trading process involves several manual steps including telephone calls initiated by lenders, manual trade entry, trade confirmations and reconciliations. Implementing an automated MBS trading platform/portal will simplify the lender’s process, improve trade accuracy, and provide greater trade certainty. The process of setting up the MBS Trade Automation application API’S was significant and is similar to that which other applications at Fannie Mae have gone through to setup public API’s.

**Responsibilities:**

* Worked on High level and low-level system design, planning, estimation, and implementation
* Developed presentation layer using **JSP, HTML5, CSS3** and client validation using **JavaScript.**
* Developed Single page application and structured the **JavaScript** code using **AngularJS, Node.js.**
* Design and develop template-based User Interface using **Bootstrap** and **AngularJS, Node.js.**
* Worked on single process thread creation, asynchronous client-server connection using **Node.js.**
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using **jQuery.**
* Developed **Microservices** using **Java 1.8** and implemented its features like **Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, foreach.**
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**.
* Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Create and configured the continuous delivery pipelines for deploying **Micro Services** and **Lambda functions** using **Jenkins** **CI** server.
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Boot**.
* Extensively used various **Spring Boot** modules like **MVC, Dependency Injection (IOC), Auto Wiring, Spring Security** and **AOP**. Created and injected **spring services**, **spring controllers** and **DAOs** to achieve dependency injection and to wire objects of business classes.
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details etc.
* Implemented Batch jobs to deal with large number of chunks using **Spring Batch Framework** to execute the similar jobs simultaneously.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Involved in design and development of the **Hibernate Domain Model** for the service.
* Involved in using **JPA** (Java Persistence API) frameworks and APIs as **JDO** and **Hibernate.**
* Developed a **RESTful** based service for data retrieval to make it independent of the current application.
* Involved on development of **RESTful** web services using **JAX-RS** in a **Spring** based project.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Experience in using **JUnit** and testing such as **Acceptance, Selenium, Mockito.**
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **and Maven** for build packaging and deployments of the application components.

**Environment:** Java 1.8, J2EE, HTML5, CSS3, jQuery, Bootstrap, JavaScript, AngularJS, NodeJS, Hibernate, Spring MVC, Spring IOC, Spring boot, spring security, XML, GIT, JSP, JUnit, Selenium, Mockito, Maven, Apache, JAX-RS, Restful, Amazon Web Services (AWS), Micro Services, Log4J and Spring Tool Suite.

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| **Client: Verizon Wireless Oct 2018 – Feb 2020**  **Location: Irving, TX**  **Role: Full Stack Java Developer** |

**Description:**  Order Management System-Order Rewire (OMS-OR) is an online application to support and enhance the order management system of Verizon. The previously developed order management system is based on Cobol and legacy java code. Now they are rewiring the entire system using Java and Cassandra. It uses REST API’s to interact with different components and tools. Data inputs are provided through multiple sources.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Build and Deploy to all Runtime environments (From DEV to PROD) and resolve issues on the fly.
* Developed front-end content using **HTML5, CSS3, JSP, jQuery,** **Bootstrap** and **NodeJS.**
* Developed **Single page application** and structured the **JavaScript** code using **AngularJS.**
* Expertise in designing, developing, testing & deploying J2EE Applications using **Servlets**, **JSPs**, **EJBs**, **Web Services.**
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 1.8** new features like **Lambda** **expressions,** **default**, **static methods,** and **Concurrency** **API.**
* Developed the business layer components as Stateless Session Beans based on **EJB API.**
* Developed **Angular 2.0** custom directives and used Routes and Factory validations in Angular.
* Designed, built, and deployed a multitude application utilizing almost all of **AWS** stack (Including **EC2, S3,** **Dynamo DB, SQS** and **EMR**), focusing on high-availability, fault tolerance, and auto-scaling.
* Integrated Open **stack API** with **Amazon EC2** cloud-based architecture in **AWS**. Having experience with Cloud Computing environment and Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Developed **RESTful** Web services for transmission of data in **JSON** format.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring** **Boot, Spring Security** and **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, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details.
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in **Hibernate** files and created **DAO** layer.
* Developing **Spring Boot** application using **Microservices** architecture with **Spring Eureka** to maintain small and lightweight services and communication between these services are done by using API routes for the entire cluster.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Involved in design and development of the **Hibernate Domain Model** for the service.
* Working with **Cassandra** database to read the data for the **API’s**. There is an external Verizon system called **PNO** which interacts with Cassandra database.
* The **PNO** layer takes the input as **XML file** (Typedef) which has the queries in **CQL** and fetch the data from Cassandra DB by making use of **Typedef**. Wrote join conditions in **Groovy Script**.
* Worked with **PL/SQL** Stored Procedures to fetch the data from **DB2** and implemented those NSP’s in Java layer.
* Worked with **Ibatis** persistence framework which automates the mapping between SQL database objects and objects in Java. This mapping is created and maintained using xml configuration files.
* Experienced in monitoring the API performance and traffic in production using **Kibana**.
* Also observed the **API’s** in **Emulation** and **Prod-parallel** tool. Resolved the issues identified in the production.
* Demonstrate exposure with Continuous Integration, Continuous Deployment to **DevOps** **CI/CD** tool Methodologies.
* Designed and developed Middle-tier components for company's object framework using best practices and **design Patterns** and used in **Model-View-Controller** (**MVC)**.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **Spring Security**.
* Create and configured the continuous delivery pipelines for deploying **Micro Services** by using **Jenkins**.
* Deploying **J2EE** application **EAR** to Testing and Production environment using **IBM WebSphere Application server**.
* Installed, monitored, and maintained the development infrastructure including **JIRA.**
* Worked on **Log4J** to validate functionalities and **Mockito** framework **JUnit** for **Unit testing** and executed **TDD** framework.
* Worked with **IBM RAD** for Development and Deployed the EAR on **WebSphere Application Server WAS 8.5**.
* Used **Git** to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.

**Environment:** Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, jQuery, Ajax, Rest API, Bootstrap, JavaScript, AngularJS, JSP, NodeJS, Hibernate, Spring Framework, Spring MVC, Spring IOC, Spring boot, spring security, OAuth, JAX-RS**,** GIT, JUnit, Log4J, Restful, Amazon Web Services (AWS), Microservices, Cassandra DB, WebSphere, JIRA, Jenkins, Devops (CICD).

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| **Client: Intuit Inc. Jan 2017 – Sep 2018**  **Location: Plano, TX**  **Role:** **Sr Java Developer** |

**Description:** Intuit Inc. is a business and financial software company that develops and sells financial, accounting and tax preparation software and related services for small businesses, accountants, and individuals. The Company operates through three segments: Small Business, Consumer Tax and Pro Connect. Intuit makes a TurboTax, a consumer tax preparation application, the small business accounting program QuickBooks, professional tax solutions Pro Series and multiple payroll products.

**Responsibilities:**

* Involved in the complete **SDLC** including design of System Architecture, development of System **Use Cases** based on the functional requirements.
* Involved in Daily **Scrum (Agile**) meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the **sprint**.
* Designed and coded controller classes using **J2SE** that would talk to real hardware controller to access their states and gave the user control over the hardware through the multithreaded UI.
* Used **HTML5**, **CSS3**, **jQuery**, **AngularJS** and **JavaScript** to construct the dynamic web pages (presentation Layer) for the application.
* **Spring Transaction** is used for the degree of isolation to work with other transactions and to execute within a transaction scope to run that transaction and used to check out before timing out of the transaction.
* Designed and developed application using **Spring Framework** modules like **Spring IOC, Spring AOP, Spring boot** and handled security using **Spring Security OAuth.**
* Parsed the data to project to client and handled the security and Authorization using **Spring Security**.
* Expert in integration of the various modules over **Service Oriented Architecture** (**SOA**) using **Spring**, **Restful** Web services and **Microservices** using **Spring Boot.**
* **Spring MVC** model integration for front-end request action controller and **Spring AOP** for logging purposes.
* Used **Spring IOC** for dependency injection and developed controllers for handling **Http** **requests** and providing **Http response**.
* Developed **REST** and **SOAP** based **Web Services** for data retrieval to make it independent of the current application.
* Implemented **RESTful** **web services** using **JAX-RS** and **Jersey** as provider.
* Implemented **Service Oriented Architecture** by **SOAP** based **Web Services** with **JAX-WS** and **WSDL**.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Involved in using **JPA** (Java Persistence API) frameworks and API’s as **JDO** and **Hibernate.**
* Developed the **DAO layer** for the application using **Spring Integration** and **Hibernate** template support.
* Established connection to **Oracle** database with **Spring Integration**, **Hibernate** and created **POJOs** for mapping with the database tables.
* Implemented **PL/SQL** procedures and views in **My SQL** Database. Developed **MySQL** stored procedures and triggers using SQL to calculate and update the tables to implement business logic.
* Used **Maven** as build automation tool and deployments are on **Web Sphere Application Server.**
* Worked with Apache **Kafka** as a messaging service for activity tracking of an application.
* Worked on **DAO's** to pull the data from the source Databases and converted into **JSON** formats and then published into **Kafka** Streams.
* **Jenkins** for **Continuous Integration** and **Spring Tool Suite (STS) IDE** for application development.
* Developed test cases for **Unit Testing, Integration Testing** with **JUnit.**
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Worked on **Log4j** for logging errors, messages, and performance logs.
* Retrieving code from the repository and deploying in Production using **ANT.**

**Environment:** Java, J2EE, HTML5, CSS3, Bootstrap, jQuery, AngularJS, Microservices, Spring IOC, Spring AOP, Spring MVC, Spring Security, Hibernate, JDBC, REST, SOAP, JAX-RS, JAX-WS, WSDL, JAX-RS**,** Jenkins, MySQL, Kafka, Service Oriented Architecture, Oracle, PL/SQL, Unit Testing, JUnit, Log4j, Maven, Web Sphere Application Server, Jenkins and Spring Tool Suite (STS).

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| **Client: Northwestern Mutual Life Insurance Jan 2016 – Dec 2016**  **Location: Milwaukee, WI**  **Role:** **Java/J2EE Developer** |

**Description:** Northwestern Mutual Life Insurance is a leading global provider of insurance, annuities, and employee benefit programs. Through its subsidiaries and affiliates, Northwestern mutual life insurance holds leading market. SSUI & CERT SYSTEM offer a full range of insurance and other financial product service details.

**Responsibilities:**

* Worked on Elevated level and low-level system design, planning, estimation, and implementation.
* Developed presentation layer using **JSP, HTML, CSS** and client validation using **JavaScript, DOM.**
* Used two-way data binding features of **AngularJS** to implement Data binding to bind various server controls to the data from database.
* Implemented animation and styling using **CSS** and **jQuery.**
* Involved in writing **JSP** components. Used **JSTL** Tag library to create standard dynamic web pages.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Used **Web Services** for creating rate summary and used **WSDL** and **SOAP** messages for getting useful plans from different module.
* Implemented Core Java concepts like **Multithreading, Concurrency, Exception Handling** and **Collections.**
* Designed and integrated the full-scale **Spring/Hibernate** persistence solution with the application architecture.
* Implemented **Object Relational Persistence** (**Hibernate**) for the domain model.
* Involved in design and development of the **Hibernate Domain Model** for the services.
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Framework** including **JSP,** and **Servlets**.
* Involved in identifying and implementation of different **J2EE design patterns** like **Service Locator**, **Business Delegate**, and **DAO.**
* Worked in wide-area network to maintain all the device related data onto **MYSQL** database.
* Developed the **DAO layer** for the application using Spring Hibernate template support.
* Used **JMS API** for communication between the components.
* Experience in writing complex **PL/SQL** queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in Data Access Layer.
* Collaborated with **testers** and **developers** and prepared test plans for producing high quality software applications.
* Experience in using **JUnit** and build tools such as **MAVEN.** Worked on **Log4j** for logging errors, messages, and performance logs and **SVN** for version control.
* Deployed and tested the application in **UNIX** on **IBM** **Web Logic** Application Server.

**Environment:** Java, Multithreading, Concurrency, Exception Handling, J2EE, HTML, CSS3, PL/SQL**,** Hibernate, Java SDK, Web Logic, SOA, WSDL, SOAP, JavaScript, JMS, JSON, Servlet, JSP, jQuery, AngularJS, AJAX, JDBC, Oracle, Maven, MySQL, Log4J, SVN, UML, JAXB, XML, Scrum, Unix/Linux, JUnit.

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| **Client: Udyog Software Jun 2013 – April 2015**  **Location: Mumbai, India**  **Role: Java Developer** |

**Description:** Udyog software is a pioneer in providing tax automation products, solutions for both direct and indirect taxes. The application developed offers various computation & filing services for account payable, account receivable and payroll transactions and is a preferred tax solution partner for various ERP vendors and implementers.

**Responsibilities:**

* Worked in a **Waterfall** environment and participated throughout the **SDLC** process.
* Implemented **Struts MVC** Design pattern for the Application for the front-end appearance.
* Developed applications using Application Lifecycle Management to deliver reliable applications.
* Developed the view-controller components using **Servlet/JSPs, JavaScript, CSS,** and **HTML**.
* Involved in creating **JSP** pages for presentation of the data to the end user.
* Wrote **SQL** for **JDBC** statements to retrieve the data from database.
* Developed and deployed the Application on **Apache Tomcat** **Server** using **ANT** script.
* Implementing **Log4j** for logging, debugging, fixing problems and Prepared **JUnit** test cases**.**
* Developed the whole project on **Eclipse IDE**.
* Responsible for code sanity in integration stream used **Clear Case** as version control tool.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing.

**Environment:** Java, HTML, CSS, JSP, Servlet, EJB, Struts MVC, SQL, JDBC, Apache Tomcat Server, ANT, SDLC, JUnit, Java Script, Log4j, Clear Case, Eclipse.

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| **Client: Techno Soft Solutions May 2012 – May 2013**  **Location: Hyderabad, India**  **Role: Jr. Java Developer** |

**Description:** The objective of this project is to implement a web based front end system which can be used by the employees, managers and higher-level management having specific role permissions for effective processing of day to day business activities in the company like leave management, project management and resource management etc.

**Responsibilities:**

* Designed & developed the web-tier using **HTML, JSP, CSS**, **Java script**, **Servlets, Struts (MVC) framework.**
* Used **XML** to transfer the application data between client and server.
* Implemented Business processes such as user authentication, Transfer of Service using Session **EJBs.**
* Backend application layer is implemented using **EJB** in **JBOSS** environment.
* Developed **PL/SQL** queries, Triggers and Stored Procedures to check the integrity of the data and actively involved in tuning **SQL** queries.
* Established Database Connectivity using **JDBC** for **MySQL** Database.
* Used **ANT** scripts to build the application and deployed on **JBOSS Application Server.**
* Implemented **Log4J** for Logging Errors, debugging and tracking using **logger’s** components.
* Developed **JUnit** test cases for all the developed modules.
* Interactively worked with testing teams in providing **test cases** and test scripts.
* Participated in Code Reviews of other modules, documents, test cases.

**Environment**: Java, HTML, CSS, Java script, EJB, Servlets, JSP, XML, Struts, JDBC, PL/SQL, SQL, JUnit, ANT, Log4j, JBOSS Application Server.