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| **Abdul Numaan**  **sendabd0098@gmail.com**  **(802) 265 6170** |

* Over **8 years** of diversified experience in Web development, System Analysis, Technical Design, B2B Development, Implementation, Performance Tuning, Testing and Release/Build management in all stages of Full Software Development Life Cycle (SDLC) in various Information Technology areas involving **Java J2EE**, **SOA/Webservices** and **Frameworks (Struts and JSF).**
* Highly Skilled in Java/J2EE Technologies with extensive experience using JSP, Servlets, RMI, JNDI, JMS, JSF, EJB, Struts 2.1/1.2, Tiles framework, Springs 2.5, Hibernate 3.2/3.0.
* Used **Core** **Java 6**, **Java 8**, **J2EE**, **JSP**, **JDBC, RDBMS, Java Script, JQuery, Ajax, XML and Chordiant 5.6**, using **Oracle 11g** as database **J2EE** platforms on Windows, UNIX.
* Good experience in developing **Webservices** using **SOA, Apache Axis, XML Beans, JAXB, XML, and XSD**
* Expertise in designing and developing enterprise applications using J2EE technologies like **Struts** 1.2/2.0, Spring 3.x/4.x/Boot, JDBC, JNDI, JMS, JAXB, SAX/DOM, Web services, **Apache Kafka.**
* Designed and Developed Automation test scripts in Java implementing test in **Selenium** Web Driver.
* Used **Java 8** features like **Stream** and **Lambda expressions**.
* Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more EC2 instances.
* Extensive knowledge and experience in Web application development with **J2EE technologies (Servlets, JSP, JDBC, EJB, Java Beans, JSF, Struts, AJAX, JMS, JNDI, RMI, JMX, Hibernate)** using **IDE tools like IBM WebSphere RAD Rational Application Developer & WSAD / Eclipse.**
* Experienced in process, validate, parse and extract data from XML using Xerces, DOM, and SAX parsers.
* Proficient with Web Page Development using HTML, XHTML, DHTML, XML, XSLT, CSS, JSP, AJAX, DOJO, JSON and JavaScript.
* Managed **Amazon Web Services** like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC)** through **AWS Console** and **API Integration**.
* Have good understanding of **Java 8** features.
* Experience in working with messaging systems like **Kafka**, Kafka event Sourcing.
* Good experience in developing applications with SOAP and **RESTFul** Web Services.
* Excellent knowledge and experience in SQL, PL/SQL, Oracle 11i/10g/9i/ 8i and **My SQL.**
* Practical experience in developing **server scripts with PHP**, and build scripts with ANT.
* Wrote **Selenium** Web Driver automation scripts in JAVA using Maven, Cucumber, and TestNG Automation Testing for Web Applications.
* Solid background in Object-Oriented analysis and design. Very good at various **Design Patterns, UML, and Enterprise Application Integration EAI.**
* Experience in developing and deploying applications on **Cloud Platforms** like **Amazon Web Services.**
* Solid working knowledge of application servers like **Apache** **Tomcat 6.0/5.0, Sun One App Server, JBoss Server 5.0/4.2, Websphere 7.0/6.0/5.0 and WebLogic 10.3/9.2/8.1.**
* Excellent in deploying the applications in **AWS** as **EC2** instances and created snapshots for the data that had to be stored in **AWS S3**.
* Experience in **Java 8** features like **Parallel Streams**, **Lambdas**, functional Interfaces, and filters.
* Experience in applying best practice **Design Patterns** and **Strategies** to enterprise applications to reduce tight coupling, maximize performance and reduce maintenance/extensibility risks.

**TECHNICAL SKILLS:**

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| **Methodologies** | Agile, Waterfall, TDD (Test Driven Development) |
| **Web Technologies** | HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Angular |
| **Java/J2EE Technologies** | Servlets, JSP’s, Struts, JSF, Multi-threading |
| **Frameworks** | Spring Dependency Injection, Spring MVC, Restful Services, Spring Boot |
| **Protocols** | TCP/IP, HTTP, FTP. |
| **Programming Languages** | SQL Queries, PL/SQL, Stored Procedures |
| **App Server** | Apache Tomcat 5.x/6.x/7.x/8.x, IBM WebSphere, Web Logic 9.x/10.x/12.x, J-Boss 6.x/7. x. |
| **XML Technologies** | XML, XSL, XSLT |
| **Database Technologies** | Oracle11i/11g/10g/9i/8i, MySQL, DB2, MongoDB, Cassandra |
| **Web Services** | SOAP, REST |
| **Build tools** | ANT, Log4j and Maven 3.x, Hudson 3.x, Jenkins 2.x |
| **Version Control** | CVS, SVN, GitHub, Subversion and Clear Case |
| **Testing** | Junit, Jasmine, Karma, Selenium, Protractor, SOAP UI. |
| **Cloud Environments** | Azure, AWS, GCP, Kubernetes |

**EDUCATION:**Bachelor’s in Computer Science from Osmania University, 2012

Master’s in Computer Science from Lindsey Wilson College, Kentucky, 2014

**PROFESSIONAL EXPERIENCE:**

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| **Client: Capital One, McLean, VA Jan 2021 - Till Date**  **Role: Sr. Java Full Stack Developer** |

**Description:** Capital One Financial Corporation is an American bank holding company specializing in credit cards, auto loans, banking, and savings accounts, headquartered in McLean, Virginia with operations primarily in the United States.

**Responsibilities:**

* Analysis, design, and development of Application based on **J2EE** using **Spring** and **Hibernate.**
* Implemented **Routing** and **HTTP modules** for navigation between the **components** and invoking the **Rest Services** using **GET, POST, PUT,** and **DELETE** methods.
* Implementing or exposing the **Microservices** to base on **RESTful API** utilizing, implementing the **Microservices** to base on **RESTful API** utilizing **Spring Boot**
* Worked on SOA Web Services using **SOAP** with **JAX-WS** for large blocks of **XML** data over **HTTP**.
* Used **Java 8** features in developing the code like **Lambda expressions**, creating resource classes, fetching documents from database.
* Experienced in managing Hadoop clusters and services using CLOUDERAMANAGER
* Used concepts of **Directives, Databinding and Dependency** Injection in **Angular JS**.
* Excellent understanding of **Hadoop architecture** and underlying framework including **storage management.**
* Deployed **Spring Boot** based **Microservices Docker** and **Amazon EC2** container using AWS admin console.
* Expertise in Core Java concepts, such as **Object-Oriented Design (OOD)/Object-Oriented Programming (OOP) skills, Multi-Threading**, Generics, **Exception Handling, Collections, Java Reflection**, Annotation, and some new features in **Java 8**.
* Contributed to TDD (Test-Driven Development) using **JUnit** framework.
* Installed **Kafka** on the cluster and configure producer and consumer coding part in java to establish a connection from source to HDFS with popular hash tags.
* Good experience in Generating Statistics/extracts/reports from the Hadoop
* Deployed **Spring Boot** based **Microservices** into **Docker** container using **Amazon EC2** services.
* Used **AWS cloud** watch in maintaining and monitoring of production and corporate storages.
* Experience with building **Docker images** and running them on Docker container.
* Worked on Proof of Concept for developing application using **Mongo DB**.
* Unstructured data was handled using **MongoDB** and used Mongoose connector to connect to database.
* Worked on packages to run using dynamic SQL and developed **UNIX Shell scripts**.
* Involved in **RESTful APIs**/ **Microservices** design and developing for Profile, Cart & Checkout **APIs** in **Spring framework.**
* Built real time pipeline for streaming data using **Kafka** and Spark Streaming.
* Method references are used provided in **Java 8**to make use of methods already named.
* Configured and used **Maven scripts** to deploy application in server.
* Developed API using **AWS Lambda** to manage the code and run the code in **AWS**.
* Integrated **Spring DAO** for data access with **Hibernate** to implemented **CRUD operations**
* Implemented **React JS Controllers** to maintain each view data where the client implemented the **UI using ReactJS.**
* Designed, developed and test **HTML, CSS, ES6, jQuery and React JS, Redux** that meets accessibility of **web browser**.
* Used **Rest API** with **JAX-RS** for consuming **Restful web services.**
* Implemented Second level of caching using **Hibernate** **configuration files, EHCache provider**.
* Implemented **Hibernate join strategies**, to select elements from different tables in efficient way.
* Used **SQL, HQL and Hibernate** Criteria queries, depending on the complexity of the Object.
* Configured and administered **Jenkins** for **CI/CD** into **JBoss** Application Server
* Involved in preparing the test cases using **Junit** and **Easy mock** test case and in the testing phase.
* Implemented a metrics collection for the server by utilizing **Apache Kafka** to stream server-side events.
* Implemented transactions using**, Web Services, Microservices, JNDI and Multithreading Executor Services.**
* Designing and developed **Microservices** using (MEAN Stack) **Node.js, Mongo DB, Neo4J, Elastic** search on Cisco Private Cloud OpenStack Platform using **Express.js**.
* Working on **Microservices** to manage termination and methods that can produce a Future for tracking progress of one or more asynchronous tasks. Experience in Building **Web Service** Contracts in **SOA Service Manager.**
* Worked on **Drools** rule engine and exception rule engine for writing business rule validation.
* Designed and developed the **REST based Microservices** using the **Spring Boot**
* Have knowledge of managing and administering **NoSQL** database systems using **Azure table**

**Environment:** Java 8, J2EE, Spring MVC, Hibernate, Rest Web Services, Spring Boot, Spring cloud, JSON, Maven, Junit, Hibernate, Apache Kafka, MongoDB, JBoss, Docker, Object-Oriented Design (OOD)/Object-Oriented Programming, AWS lambda, Executor services, Microservices architecture.

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| **Client: Cayuse, Portland, OR Mar 2019 – Dec 2020**  **Role: Sr. Java Full Stack Developer** |

**Description:** Cayuse, provider of the market-leading research administration cloud platform, has announced the intent to acquire iMedRIS Data Corporation, a provider of integrated research information software headquartered in Redlands, California.

**Responsibilities:**

* Generated the classes and interfaces from the designed UML sequence diagrams and coded as per those plans along with the team.
* Used **Spring framework** for Model View Controller (MVC)and integrated with **Hibernate.**
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tiles framework.
* Developed necessary DAOs (Data Access Objects) for policy owner module.
* Application was built on MVC architecture with JSP, CSS, HTML and DHTML acting as presentation layer, Struts framework as business layer.
* Experience in Message Oriented Middleware implementation using JMS and **Apache Kafka**.
* Used **Spring inheritance, Auto-wiring, Core Containers, ORM modules** for migration from **EJB** to **Spring, Spring Quartz** for scheduling tasks to generating reports and emails to clients.
* Experienced in leveraging **API** Gateway for runtime governance and security of **Microservices**.
* Developed Single Page Web Applications (SPA) by consuming Restful Web Services.
* Write **Spring MVC** Test for Rest Controller and S**pock/Mockito** for service and repository components using **Java 8** and **Groovy programming language**
* Wrote **AngularJs** frontend, which queried a custom Elasticsearch server for search terms, and hosted everything on an **AWS** instance with Docker containers.
* Performed client side and server-side validations using Struts validations. Created Action Form beans and performed validation by configuring the Struts Validator.
* Started as a monolithic application that runs on Jboss, later migrated it into a set of Spring boot and NodeJS, Microservices
* Written code for TDD on every module using **Junit**.
* Used **Java 8** features in developing the code like **Lambda expressions**, creating resource classes, fetching documents from database.
* Developing **APIs** which interacts to atg components, registry and other third-party APIs, which are used by desktop, mobile web and native apps.
* Created Server instances on **AWS**. Tomcat, Swagger and hawtio are installed and used for deploying Micro-services.
* Used SQL statements and procedures to fetch the data from the database.
* Used Dispatch Action to group related actions into a single class.
* Developed Business tier and Presentation tier using Struts, JSP. Coding using JSP, HTML, and CSS JavaScript for validation, Servlets using STRUTS framework, JDBC.
* Wrote JDBC class to interact with Database.
* Designed and developed backend service using **Java 8 APIs**.
* Created database tables for the application on a DB2 database.
* Using **Kafka** for Publish/Subscribe pattern in application dealing with messaging.
* Created data model, SQL scripts for the application.
* Involved in maintaining the user accounts (IAM), RDS, Route 53 services in **AWS Cloud**.
* Build the applications using ANT tool. Also used Eclipse as the IDE.
* Actively involved in testing, debugging and deployment of the application on WebLogic Application server. Developed test cases and performed unit testing using JUnit.

**Environment:** Core Java, Java 8, Struts, J2EE, JSP, HTML, Apache Kafka, CSS, JavaScript, JDBC, Hibernate, AWS, Servlets, XML, SQL statements, VSS, EJB, Oracle 9i, RAD, WebSphere, Log4j and JavaScript.

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| **Client: Lowe’s Companies, Inc. Mooresville, NC July 2017 – Feb 2019**  **Role: Java Developer** |

**Description**: Lowe's Companies, Inc. doing business as Lowe's, is an American retail company specializing in home improvements. Headquartered in Mooresville, North Carolina the company operates a chain of retail stores in the United States and Canada. As of November 2018, Lowe's and its related businesses operate 300 home improvement and hardware stores in North America.

**Responsibilities:**

* Participated in the complete software development lifecycle tasks (design, coding, testing and documentation).
* Worked on **AWS**, High Availability Practices and deploying backup/restore infrastructure.
* Developed REST and SOAP microservices with using Java, Spring Boot and integrated to WebCenter sites.
* Built web applications from scratch on your own and coordinating development across a microservice architecture.
* Develop and execute unit test cases using **Junit.**
* Apache **Kafka** is used to send message objects to client queues and topics.
* Experience in building flexible, reliable, efficient, and secured Enterprise and Web based applications using Spring MVC and Spring Web Flow frameworks and spring boot.
* Responsible for preparing the use cases and for designing and developing object models, class diagrams with UML Specifications.
* Experience working with **API**/Third Party Integration of the application.
* Developed system preferences dynamic user interfaces and created web application prototype using JavaScript, CSS.
* Used **Java 8** **Lambda** expressions and Streams **APIs**.
* **AWS S3** is used to store customer's monthly credit statements.
* Developed Single Page Application (SPA) by using the Angular6, Redux and Angular Modules (components, services, modules).
* Involved in Analysis, Design, and Implementation of software applications using **Java 8,** J2EE, XML and XSLT and Web Services.
* Implemented backend application using Java, Spring MVC, AWS suite of products like Dynamo DB.
* **Apache Camel's AWS** component is used to upload documents to S3.
* Involved in writing code for Form Beans, Java Actions, DTO and DAO for accessing business methods in the business layer.
* Implemented Node JS as a server-side proxy for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Developed Spring MVC rest controllers, services for backend interactions.
* Configured Redis (Remote Dictionary Server) with node server for caching the responses via cat box.
* Karma test runner and Jasmine test framework tool are used to perform behavioural driven testing for the angular application.
* Hands on experience of multiple **AWS** accounts with multiple VPC's for both production and non-production where primary objectives included automation, build out, integration and cost control.
* Testing for Node JS is done using Mocha and chai and for **Spring Boot** used Mockito, Junit and thereby achieving Test Driven Development (TDD).
* Worked on ECMA 6 features as ES6 features implemented in Google’s V8 which is used by Node JS.
* Extensively used Spring MVC for servlet configurations both during application Development and Test.
* Implemented client-side application to invoke SOAP and Restful Web Services.
* Designed dynamic client-side JavaScript, codes to build web forms and simulate process for web application, page navigation and form validation.
* Worked on defining Swagger specs for **REST APIs,** understand **REST** principles, Guidelines
* Involved in design and development of RESTful (JAX-RS) web services for other application to communicate and tested web services using SOAP UI and REST Client.
* Consumed Restful web service and performed data retrieval using Hibernate and integrated with Web Method via Webservices.
* Used Spring Cloud and Spring Boot to create REST full Micro Services and deploy them to docker containers in AWS.
* Used Maven to build the application and deployed on Apache Tomcat Server.
* Implemented the logging mechanism using Log4j framework and used GITBITBUCKET version control to track and maintain different versions of the application.
* Reviewed design and code and provide feedback to make sure that it meets standards and best practices.

**Environment:** Java 8, J2EE, Spring MVC, Web sphere Application Server, Tomcat, JAX WS, Soap Services, NodeJs, Mocha and Chai, Junit, Mockito, AWS, WSDL, Apache Kafka, MySQL, PL/SQL, XML, RESTful API, REST full Micro Services, ECMA 6.

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| **Client: WellCare Health Plans Inc, Tampa, FL May 2016 - June 2017**  **Role: Java Developer** |

**Description:** WellCare Health Plans, Inc. is an American health insurance company that provides managed care services primarily through Medicaid, Medicare Advantage and Medicare Prescription Drug plans for members across the United States.

**Responsibilities:**

* Design and development of technical specifications using design patterns and OO methodology.
* Configured the local workspace by using the Maven dependencies and separated the Web Module, Service Module and Data Module in Eclipse IDE
* Used **Java 8** Stream **API** for Bulk Data Operations on Collections using both streams and parallel streams.
* Developed self-registration and account management related modules with Restful web services which can accept JSON/XML as request/response payload.
* Used XML parser APIs such as JAXBin the web service's request response data marshalling as well as unmarshalling process.
* Build scripts on **AWS** cloud for scheduling **EC2** auto scaling load balancer.
* Involved in design development of modules Registration, Order Creation, CSR and Account management using Spring MVC.
* Have also worked on **Java 8** along with Cold Fusion
* Installed the application on **AWS** EC2 instances and configured the storage on S3 buckets.
* Used jQuery for all the front-end validations.
* Worked on **REST APIs**, SOAP and understanding of Application Design principles and Cloud Native apps Development.
* Developing the JUnit Test Cases Code for the Unit Testing.
* Involving in development, integration, and production environment deployment builds.
* Involving peer level code reviews.
* Fixing the System Test and integration defects as per the priority.
* Developing the Spring MVC framework as per the design and technical specifications.
* Used **AWS** to deploy the project on an EC2 instance. Highly created fault tolerant, highly scalable Java application using **AWS** Elastic Load Balancing, EC2, VPC and S3 as part of process and security improvements.
* Implemented the EHcache framework with spring for the better performance.
* Developing the Service Classes for modules like customer authentication, service request verification and account verification.
* Implemented the Log4J framework for all the logging (exceptions, errors)

**Environment:** Core Java, Spring (MVC, CORE), Hibernate, JPA, Spring Restful Web services, Java 8, HTML5, AngularJS, JSON, CSS, JavaScript, JQuery, Ajax, JSP, Apache Tomcat, Apache CXF, Unix, Junit, XML, Log4J, TOAD, SVN, STS, Maven, Rally, JIRA, and Oracle (SQL/PL SQL)

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| **Client: Bharati Airtel Limited, Pune, India July 2014 - Mar 2015**  **Role: Java Developer** |

**Responsibilities:**

* Responsible for creating efficient design and developing User Interaction screens according to the client requirements using HTML, CSS, JavaScript, jQuery, AJAX and JSON
* Developed UI using Asynchronous validation for the fast and user-friendly access using AJAX.
* Worked with complete redesigns of a daily events website and focused on improving readability, utility, and overall User experience (UX).
* As part of GCP implemented a Spring Boot app using IntelliJ IDE and deployed it to Google APP Engine.
* Followed Agile Software Development Methodology in the progress of the project.
* Created UI designs using Web 2.0 standards
* Used **Selenium** IDE and WebDriver for generating test scripts and to Automate Functional and Regression Testing using **Selenium**.
* Experience in working on Grape **API** and adding Swagger documentation.
* Used Maven and Jenkins for Build Automation Process.
* Responsible for creating the screens with table-less designs meeting W3C standards.
* Developed page layouts, navigation, animation buttons and icons using HTML, CSS, and JavaScript.
* Created forms to collect and validate data from the user in HTML and JavaScript.
* Used SOAP in the implementation of Web services.
* Wrote and implemented scripts to enhance user experience and integrated scripts and backend services with the Grunt JS and Node JS.
* Performed installing, Maintaining and configuration of **Selenium** Software.
* Involved in Test Driven Development. Written automated unit test functions in Golang to cover the **API** code.
* Skilled in implementing Linux features on windows through VM’s, UI’s and cloud shell in **GCP**.
* Merged frontend tools with the help of GRUNT for vibrant plugins.
* Used JavaScript for page functionality, pop up screens and drop-down menus on the webpage
* Interfaced with third-party vendors to customize UI/UX solutions.
* Configured the **API** to take advantage of the auto scale feature of GCP to support 1TB data volume transaction a day peak load.
* Responsible for writing Unit tests for services, controllers & directives and used Karma to run the tests.
* Further tasks include management of MySQL database and all other required tables.
* Developed web applications and created dynamic websites using PHP.

**Environment:** HTML, CSS, JavaScript, Jenkins, jQuery, Grunt, AJAX, GCP, JSON, Node.js, Apache, Eclipse, SVN, Selenium, Karma, MySQL.

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| **Client: Apollo Munich Insurance, Hyderabad, India Apr 2012 - June 2014**  **Role: Frontend/UI Developer** |

**Responsibilities:**

* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Designed the Graphical User Interfaces using HTML, CSS, JavaScript, and jQuery.
* Automated UI Testing with Selenium/Java/cucumber frameworks.
* Created and optimized graphic prototype websites and applications interfaces using HTML and CSS.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using AngularJS, JavaScript, jQuery, CSS, and HTML.
* Tracked GCP (Google Cloud Platform) traffic for error-handling and troubleshooting scenarios.
* Enhanced user experience by designing new web features using MVC Framework like AngularJS.
* Developed a software for a customer for managing advertisements to grow the business using AngularJS, JavaScript/jQuery, HTML and CSS.
* Developed data formatted web applications and deploy the script using client-side scripting (JavaScript).
* Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
* Closely worked with the **GCP** API team to understand the REST contract between FES and API team and architectural design patterns being followed (E.g., Strangler, Split-Traffic).
* Responsible for experimenting with new frameworks and libraries to make decision either should be used in the product/project or not.
* Created Responsive Designs (Mobile/Tablet/Desktop) using HTML, CSS & Bootstrap.
* Maintained 24/7 high volume availability using open-source tools such as Linux, Apache, and MySQL.
* Extensively used GIT for version controlling and regularly pushed the code to GitHub.
* Interacted with Testing Team, Scrum Masters and Business Analysts for fixing of Issues
* Interacted with Customers and development teams for Fix the Issues.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Implemented CORS (Cross Origin Resource Sharing) using Node JS and developed REST services using Node and Express, MongoDB modules.

**Environment:** HTML, GCP, CSS, JavaScript, Bootstrap, Selenium, jQuery, AngularJS, Node.js, AJAX, JSON, XML, Eclipse, Git, MVC, Linux, Apache, and MySQL.