**Name :** **Hamed Hussain Mohammed**

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Visa : Green card**

**PROFESSIONAL SUMMARY:**

* IT professional with 10+ years of experience in Java and JEE technologies including analysis, design implementation, testing and maintenance of applications.
* Strong knowledge and experienced in multi-tiered distributed environment, OOPS and OOAD concepts, good understanding of Software Development Lifecycle (SDLC).
* Experience in using build tools like Maven, Gradle and CI build tools like Jenkins, Anthil Pro
* Experience in using JIRA and Rally tool to defects and tasks tracking
* Experience in connecting Active MQ and IBM MQ with Spring Integration for message exchange
* Used PERL to compare multiple files, finding differences between those files and translating data in the files prior to output.
* Experience in Spring (2.5,3.0&4.0) framework and MVC design pattern.
* Experience in consuming and developing web services SOAP (JAX-WS) and Restful (JAX-RS)
* Good command in Core Java and profound experience collection frameworks and Multithreading.
* Expert skills in J2EE Design Patterns like Singleton, Session Facade, Business Delegate and Data Access Object for building J2EE Applications.
* Experience in Java Framework Integration with Apache Camel.
* Working with Java 11 and having experience in java features like Lambda expressions, Method references, Functional interfaces, Stream API, Default methods, Base64 Encoding, and Static.
* Experienced in developing web-based applications using Python, Django, AWS, WSGI, PostgreSQL, Redis, HTML, CSS, JavaScript, jQuery, and XML.
* Experience in using Hibernate (3.1,4.0), Spring JPA and other ORM tools like IBATIS
* Design and develop new ci/cd deployment API using Go-lang.
* Experienced in other front-end technologies such as LESS, Typescript, BOOTSTRAP, Angular1, Ajax, JSON, NodeJS etc.
* Experienced in web development using HTML, DHTML, XHTML, CSS, JavaScript and AJAX technologies.
* Developed User Interface and web page screens for various modules using JSF, AJAX, JavaScript, and Angular JS.
* Experienced in developing MVC framework-based web apps using Struts and spring.
* Experience in building web applications using Spring Framework features like MVC, AOP, IOC, DAO, DTO and template classes.
* Expertise in Object-relational mapping using Hibernate.
* Proficiency in deploying J2EE Applications archives (JAR, WAR and EAR) on IBM Web Sphere Application server, Apache Tomcat Web Server and BEA Web Logic Application Server.
* Expertise in developing and consuming Web services including different technologies and standards like XSD, SOAP, WSDL, JAX-WS and Apache Axis.
* Hands-on Experience in creating and consuming XML Web services including AJAX, XSL, XSD, XSLT, XPATH, XQUERY, VXML, XAML, SOAP using .NET Framework 3.0/3.5/4.0/4.5.
* Experience in installing, configuring, tuning Web Logic Server, Apache Tomcat, and JBoss.
* Experience with GitLab and AEM and container orchestration like Kubernetes.
* Experience in using IDE Tools like Eclipse, IBM RAD and NetBeans for Java/J2EE application development.
* Expertise in database modelling, administration and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* Experience in CI CD pipelines to integrate the Java code to align with DevOps using Docker.
* Designed and implemented AWSEC2 Server setup and deployment, build, maintenance, and configuration of various AWS resources like, EC2, S3, Lambda, ECS, EBS, Elastic Load Balancers, Elastic Bean Stalk, Amazon RDS, AWS Lambda, VPC, and IAM Security Groups that are utilized for different environments like dev, testing, Production.
* Excellent experience with Python development under Linux/Unix OS (Debian, Ubuntu, SUSE Linux, Red Hat Linux, Fedora) and Windows OS.
* Created Micro Services using Spring Boot and deployed on AWS cloud instances like EC2.
* Hands-on experience using the version control tools like SVN and GIT and project management tools like JIRA, QC.
* Good working knowledge of Ant, Jenkins, Maven, and AWS for project build/test/deployment, logging and JUnit for unit and integration testing.
* Hands on Experience in integration with JUnit, and Log4j frameworks.
* Knowledge of using Routed Protocols like FTP, SFTP, SSH, HTTP, HTTPS and Direct connect.
* Experience with browser testing, knowledge of cross-browser/cross-platform compatibility.
* Excellent working knowledge and thorough exposure on compatibility issues with different versions of browsers like Internet Explorer, Mozilla Firefox, Safari and Google Chrome.
* Experience in using Karma and Jasmine framework to write unit test cases for Angular JS code

**TECHNICAL SKILLS:**

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| **Languages:** | Java, Python, JavaScript, Groovy, HTML/HTML5, CSS/CSS3, SQL, PL/SQL |
| **Frameworks:** | Spring MVC, Spring Boot, Struts, Hibernate, JSF, Vaadin, Google Web Toolkit (GWT), Grails. |
| **Frontend Technologies:** | Bootstrap, jQuery, AJAX, Kendo UI, AngularJS, Node.JS, BackboneJS, Responsive Web Design, Flash, D3.JS, High charts, SASS/LESS |
| **Cloud Technologies:** | Confidential Web Services (AWS), Cloud Foundry, OpenStack, Microsoft Azure, Rackspace, SaaS, IaaS, PaaS |
| **Security:** | Spring Security, OAuth, Active Directory, LDAP, SSL, SAML |
| **Databases:** | RDBMS (MySQL and Oracle), NoSQL (MongoDB and Cassandra), CouchDB, DynamoDB, Teradata and PostgreSQL |
| **Technologies:** | Kafka, Kanban, Apigee, Microservices, SOAP, RESTful APIs, Web Services, JSON, JBOSS, Tomcat, IBM WebSphere, Jenkins, Docker, Kubernetes, Junit, Mockito, Selenium, Jasmine, Karma, Mocha, Babel, Gulp, Grunt, XML, Redis, Terraform, NetBeans, IntelliJ, Eclipse, WebLogic server, Jetty, JSP, Servlet, Git, GitHub, Subversion ELK (Elasticsearch, Logstash and Kibana), RabbitMQ, AMQP, Heroku, POJO, JAX-RS, OpenAPI Swagger, HTTP, DNS, JNDI, JSTL, Bash/Shell Scripting |
| **SDLC Methodologies:** | Agile/Scrum, Waterfall, Hybrid |

# Professional Experience

**Client:** **Magellan Health, Northbrook, IL Nov 2021 - Present**

**Role: Sr. Full Stack Java Developer**

**Responsibilities:**

* Implemented multiple responsive UI rich web applications with HTML5, CSS3, SCSS, Bootstrap and latest versions of Angular frame work.
* Implemented microservices using Spring Boot, spring-based microservices, and enabled discovery using the server.
* Implemented Java 8 features like Stream API, Functional Interfaces, lambda expressions, parallel streams, and Optional class.
* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Involved in enhancing existing MEAN (MongoDB, Express, Angular and Node) stack applications and provided the required support.
* Responsible for creating efficient design and developing User Interaction screens using Angular 4.0, HTML5, CSS3, JavaScript, jQuery AJAX and JSON.
* Develop various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Developing applications using latest technologies like Java 11 and angular 11.
* Implemented data ingestion and handling clusters in real time processing using Apache Kafka.
* Implemented SOA architecture with Web Services using SOAP, WSDL, UDDI and XML using Apache CXF framework and worked on parsing the XML files using DOM/SAX parsers.
* Worked Extensively with Angular CLI for creating components, Services, pipes, Directives.
* Developed a feature in utility application and Verification Monitoring tool to verify the application statistics like consumers, loggers using Angular.JS and Bootstrap.
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team.
* Worked on Rest Web services as well as Node Rest framework for backend services used Mongo DB (NoSQL) for database services and RESTful web services using Jersey for JAX-RS implementation.
* Performed GitHub/GitHub-Desktop bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.
* Worked on configuring Docker components like Docker Engine, swarm, creating Docker images and Docker Registry, Kubernetes is configured for automating deployment, scaling and management of containerized applications.
* Developed applications in Hadoop BigData technologies- Pig, Hive, Map-Reduce, Hbase and Oozie.
* Developed cross platform server-side applications using Node.js, BackBone.js and Angular.js.to achieve scalability in real-time web applications.
* Developed Ruby/Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Developed various Database interaction objects by implementing the DAO patterns and used JDBC as Model Component.
* Conceptualized and prototyped multiple developer tools and patterns that target ASP.NET Core 3.0, WCF, MVC Core 2, EF Core 2, Angular and Visual Studio.
* Responsible for implementing and hosting the Web Services.
* Created a backend API using ExpressJS, and MongoDB. The API allows users to log in, follow users, post to followers, retrieve their feed, and much more. Built for use with a mobile application.
* Developed the application using Struts Framework with respect to Model View Controller architecture.
* Created REST clients to consume data from other partner applications and involved in creating POC's using MEAN stack and enhancing existing REST API's developed using Express-JS and Mongo-db.
* Used Postman to test the API's, used SVN for the version control, JIRA for bug tracking and project management, JUnit and Mockito for Java unit tests, Jasmine and Karma for angular specs.
* Followed agile methodology and involved in daily SCRUM meetings, sprint planning, showcases and retrospective and used JIRA as a tracking tool for the sprints.
* Used Perl to code and design various phases for data processing pipeline Used Python modules such as requests, urllib, and urllib2 for web crawling.
* Developed & Implemented OAuth2 functionality with Spring Security to secure the REST services/REST API for authentication & authorization, and generate & validate the tokens for REST clients to protect the REST services
* Used OAuth authorization framework to enable application to obtain limited access to user accounts on the Restful Service.
* Good programmer in Perl and Unix Shell scripting (particularly ksh and bash)
* Developing Micro Services, and creating API's using Java Spring Boot framework using Maven as a build tool and Cassandra as an enterprise level database
* Designed and developed functionality to get JSON document from MongoDB document store and send it to the client using RESTful web service.
* Developed API's and REST API proxy using APIGEE edge and for sending mobile notifications
* Used Atlassian tools like confluence for documentation, bit bucket for code repository, JIRA to create epics, tasks and subtasks and hip chat for internal messaging
* Developed Docker image and containers for the application by configure Docker file, using Docker Compose to manage images
* Developed application to perform CRUD operations using Java 8 on MySQL and Designed Web Application to connect to User Pool, create users and verify login using AWS Cognito for security
* Worked with ELK (Elasticsearch, Logstash, Kibana) for log Analytics, security purposes, collects the real-time data from various sources, analyze the data available, to create attractive dashboards
* Done Designing and development of RESTful API and services using best practices to interact within the microservices and with the front end
* Experience working withbigdataand real time/near real time analytics andbigdataplatforms like Hadoop, Spark using programming languages like Scala and Java.

**Client: Broadridge, Coppell, TX Feb 2019 - Oct 2021**

**Role: Sr. Full Stack Java Developer**

#### Responsibilities:

* Worked on UI for Layered Security and S&L modules and hands on experience with Spark streaming to receive real time data using Kafka.
* Developed Single Page Applications using AngularJS concepts of Components, Directives, Services, Promises, Templating, Scope, Dependency Injection and data binding
* Involved in various SDLC phases like requirements gathering, design, and analysis and code development
* Used Jenkins as an AWS code deployment plug-in to deploy to AWS.
* Experience with DevOps methodologies, implementing CI/CD Pipelines using tool sets like GIT and Internal Cloud.
* Deploy and configure daily iterative builds of Java SE11 applications into Tomcat server environments for multiple feature deployment teams.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services and Used JDBC interfaces to perform CRUD operations on database.
* Performed Data mapping, logical data modeling, created class diagrams and ER diagrams and used SQL queries to filter data.
* I worked on front-ends with focus on speed and optimization by using d3.js., Built data visualizations to monitor file server load, web server speeds, data processing and more (d3.js, backbone, jQuery, MySQL)
* Developed N-tier client-server business application software using Model View Controller (MVC) Architecture.
* Used Pivotal Cloud Foundry, the connection/service binding details is injected from the deployed cloud platform itself. Used AWS deployment services to quickly set up a dynamic website and configured virtual servers
* Worked with Confidential AWS EC2, RDS and S3 as a data store for storing data into the buckets that fall into it. Used EC2 as an Infrastructure as a Service (IAAS) and RDS as Platform as a Service (PAAS)
* Used Bit bucket as source control tool for branching, merging and maintain code versions in the repository enabled using Maven Versioning Capability
* Implemented Docker containers to create images of the applications and dynamically provision slaves to Jenkins CI/CD pipelines
* Used AngularJS Directives like ng-app, ng-model, ng-repeat, ng-show, ng-hide, ng-controller, ng-route etc.
* Worked on Docker container snapshots, attaching to the running container, removing images, managing containers
* Designed and coded application components in an Agile/TDD environment utilizing a test-driven development and pair-programming.
* Redesigned Menu & Navigation to Angular2 and updated Loans and Contract forms for a better user experience.
* Developed build tasks to run the unit tests on Jenkins and maintaining separate build in Maven for the module for easy integration to the portal build and configure with Jenkins.
* Worked with Reducers, React Containers to update the state of an App produced by Redux and by mapping those to the React component using React-Redux.
* Implemented various Java design patterns like Front Controller, Service Locator, and Business Delegate, Data access Object, Singleton, and Session Façade.
* Wrote Ansible Playbooks with Python SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using Python.
* Responsible for implementing the Web services using Spring Boot, Spring Config Server, Pivotal, Bit bucket, Spring CLI for encryption
* Data operations are performed using Spring ORM with Hibernate by taking using annotations, auto wiring and implement the Hibernate Template and criteria API for querying database

**Client: Toyota, Huntersville, NC Aug 2017 – Jan 2019**

**Role: Full Stack Developer**

#### Responsibilities:

* Involved designing in web pages using HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, React.js, Redux, Flex, Mongo DB.
* Deployed Spring Boot based Microservices and Confidential EC2 container using AWS admin console.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and jQuery.
* Designed and coded application components using Agile (XP, Scrum), RUP methodologies with JIRA tool for tracking the stories, defects and progress.
* Used and implemented the application using Spring MVC, Spring IOC, Spring Annotations modules and hibernate.
* Designed and Developed UI for Customer Service Modules and Reports using Angular1.5, HTML5, CSS3, Bootstrap3, JavaScript and jQuery.
* Configured Queues and Topics as part of application integration and defined Camel routing between queues/topics.
* 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.
* Web Services in JAXP based on SOAP protocols using XML and XSLTW and created data sources with JDBC.
* Used CSS3 for de scribing the presentation of Web pages, including colors, layout, and fonts. Validations for the Client Side were done using JavaScript.
* Maintained 24/7 high volume availability demands using open-source tools such as Linux, Apache, PHP, and MySQL.
* Created data model for structuring and storing the data efficiently and implemented partitioning and bucketing of tables in Cassandra.
* Involved in securing API proxies using various mechanisms like API key, Spring OAuth, LDAP, content protection policies in Apigee Edge.
* Developed application using Spring MVC- Implemented Various Controllers, used spring's component-scan and auto wiring functionalities.
* Developed views using Bootstrap components, Angular-UI and involved in configuring routing for various modules using angular UI router.
* Managed Object Persistence, Data retrieval using JPA, JDBC and hibernate with DB2 as backend.
* Produced content pages with CSS3 layout and style markup presentations and also used JavaScript methods and properties.
* Used Apache Maven for project management and building the application for reporting and documentation.
* Implemented Spring MVC framework which includes writing Controller classes for handling requests, processing form submissions and also performed validations.
* Developed Graphic User Interface (GUI) to display report data using jQuery in Cross-browser compatibility and Web application scaling.
* Used Kafka streams as a message-bus and developed data pipelines to ingest data to NoSQL data-stores like Cassandra.
* Worked on extracting event data from front end using Kafka REST proxy and knowledge on RabbitMQ.
* Used jQuery, JavaScript, HTML5, CSS3, Bootstrap and various jQuery plugins to improve UI experience and achieve cross-browser compatibility.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Configured Oracle connection pool, which is included in Oracle JDBC driver JAR file, to allow concurrent access to the database and optimize performance.

**Client: AT&T,** **Brentwood, TN Apr 2015 – Jul 2017**

**Role: Java Developer**

**Responsibilities:**

* Developed User Interface (UI) module using Struts Framework, JSP, Servlets, AngularJS, and JavaScript.
* Used agile methodology to develop and maintain the project.
* Extensively used the struts framework and coded the UI components using servlets, JSP, Java Script and struts components like Action classes, Action forms and XML configuration files.
* Using Struts Framework developed and implemented the web-based application following the MVC
* Developed Java Server Pages (JSP) for the front end and Servlets for handling HTTP requests.
* Involved in using core java concepts - Collections, Exception Handling, Multi-Threading, and Serialization.
* Developed on Tomcat for a WebLogic deployment tools included Ant, JUnit, DBUnit, HTTP Unit, Visual Source Safe, and Scarab.
* Developed the screens using AJAX, JQuery, HTML5, CSS3, and Angular 2 & 4.
* Built micro services using Docker, AWS Lambda, and Elastic Beanstalk.
* Integrated Spring DAO for data access using Hibernate used HQL and SQL for querying databases.
* Developed the presentation layer using JSP’s, CSS, AJAX, HTML, Java Script
* Designed and developed the application using Kanban methodology
* Handled the requirements, code and test walkthroughs
* UsedNoSQLon MongoDB, DB2 BLU. Great understanding and implementation experience of BigData Architecture at Enterprise Database Level.
* Documented use cases, functional requirements based on the A&D using RUP and UML.
* Upgraded Python 2.3 to Python 2.5, this required recompiling mod python to use Python 2.5.
* Enhanced user experience by designing new web features using MVC Framework like Backbone.js, and node.js.
* Used Solr queries on top of Cassandra to fetch the results.
* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Created Hibernate XML files and Java class files to map the object relation Mappings.
* Developing front end of application using HTML, CSS, backbone.js, JavaScript, jQuery.
* Automated tests were coded in Java Script with Frog logic’s Squish or Smart Bear’s Test Complete for client applications and coded in Java with Selenium for web application testing.
* Extensively implemented AngularJS components ng-click, ng-repeat, ng-model, ng-show, ng-clude etc.
* Developed client GUI modules using Swing, Java script and Flash.
* Involved in implementing logging, exception handling and transaction management using spring AOP.
* Involved in ORM mappings for associations, Inheritance & fetching strategy, performing CRUD operations and managing second level cache using Hibernate.

**Client: Kroger,** **Salina, KS Feb 2013 – Mar 2015**

**Role: Java Developer**

**Responsibilities:**

* Work involved extensive usage of HTML AJAX Responsive web design Ext.js Bootstrap jQuery and JavaScript for client-side development and validations.
* Developed different SOAP services and Web Services using WSDL SOAP
* Built web portion using the JSF framework with dynamic JSP pages in Linux environment.
* Developed Shell scripts to run the batch jobs and automate the build deploy process on Linux.
* Worked with different browsers like Google Chrome, Internet Explorer 11, Mozilla Firefox and Safari.
* Used Responsive designing to track the number of people visiting the website.
* Developed the jQuery widget with functionality of progressively enhancing the look and feel of web page.
* Implemented AJAX functionality using JQUERY, JSON and XML.
* Extensive use of core Java Collections, Generics, Exception Handling, and Design Patterns for functionality Involved in writing different Design Patterns like Filter, Action, Business Delegate, Service Locater, Data Transfer Objects (DTOs) and Data Access Objects (DAOs).
* Involved in configuring the Jenkins File and Docker File for CI/CD configurations.
* Used Hibernate in persistence layer and developed POJO's, Data Access Object to handle database operations.
* Worked on System security with the use of SSL (Secure socket layer), encryption and used role-based security.
* JSON being light in nature was used as the chief source of communication between the server and application.
* Involved in the development of Servlet, Struts Action classes, Business Objects, Web Services.
* Involved in writing JSP using Bean, Logic, HTML, and Iterate Tags.
* Used the spring validation and Tiles Framework in the presentation layer.
* Developed user interface using JSP, Spring Tag Libraries to simplify the complexities of the application.
* Developed user interface with Java Server Pages, Ajax support to speed up the application form filling.
* WSDL has been used to expose the Web Services.
* Used Apache Axi s as the Web Service framework for creating and consuming Web Service clients using SOAP and WSDL.
* DeliverBigDataProducts including re-platforming Legacy Global Risk Management System with BigDataTechnologies such as Hadoop, Hive and HBase.
* SOAP has been used as a protocol to Communicate in the form of XML messages.
* Implementing or exposing the Micro services to base on RESTful API utilizing Spring Boot with Spring MVC.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and Hibernate cache concepts.
* Developed Struts Action Forms, Action classes and performed action mapping using Struts.
* Designed various tables required for the project using Oracle database
* Used Apache Tomcat server for deploying the application.

**Education: Bachelor’s Degree, computer science JNTUH college of engineering Hyderabad 2012**