# Mounica

# Java Developer

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# Professional Profile:

**Over 8 years of experience as a Java Full Stack Developer in IT industry. Extensively experienced in Software Analysis, Design, Development, Implementation and Testing of Object Oriented Applications and Web based Enterprise Applications using java/J2EE.**

* Experience in working in environments using **Agile (SCRUM) and Test Driven Development** (TDD) development methodologies.
* Proficient in **UI**design, developed Front End using **JSP, HTML5, CSS3, JavaScript, Ajax, JQuery, AngularJS, Angular 2.0,**  Angular v8 **NodeJs, and ReactJs** and have knowledge on**BackboneJs.**
* Hands on experiences with **Core Java** with **Multithreading, Concurrency, File Handling I/O**, **Generics, Data Structures and Collections, Garbage Collection**.
* Experience in **java8**features like **Parallel Streams, Lambdas, functional interfaces and filters**.
* Experience in developing, deploying, and managing N - tier, server-centric J2EE enterprise class projects using **Eclipse IDE 3.x/4.x**, **My Eclipse 6.5**, **J2SE1.4/1.5/1.6 (Java 2,Java 8, Applets, Swing, JDBC 3.0, RMI), J2EE 1.5** Web application technologies **(Servlets 2.x, JSP 1.x/2.x, JSTL 1.2, JSF 1.x, JNDI)**, Enterprise application technologies (**EJB 2.x/3.0, JMS**).
* Good experience on Design Patterns (J2EE) like **Singleton, Factory, DAO, Session Facade, Front Controller, and Delegate Pattern.**
* Experienced in developing messaging module by using **Spring JMS, Apache Camel and Rabbit MQ.**
* Experience in**spring framework (MVC/IOC/ORM/JDBC/AOP/BATCH/WEBFLOW/Context)**and **Struts (MVC, architecture, interceptors, action mappings and resource bundles**).
* Experience in developing **Microservices**using **Spring-Boot**.
* Experience in development and deployment of applications using **JBoss, Web Logic Application Server, IBM WebSphere Application and Apache Tomcat.**
* Experience in developing**SOAP** based Web Services using **Apache CXF and JAX-WS**.
* Experienced in developing **Restful** Services using **JAX-RS** specification like Jersey and Rest Easy to implement **REST** based Application.
* Experience in using **Socket Programming**.
* Experience in using bug/issue tracking, project Tracking and Management tool **JIRA**.
* Experience working on **Web Services SOAP & REST, JAX-WS, JAXB, WSDL** and **UDDI** registry.
* Expertise in implementing **Service Oriented Architectures (SOA)** using XML based Web Service such as **SOAP, UDDI and WSDL.**
* Experience with Cloud Computing Service environment like (AWS) Amazon Web Services (EC2, EBS, S3 and ELASTIC SEARCH).
* Involved in designed fully distributed system with the use of Restful API and Micro Services.
* Complete understanding of the DevOps process with continuous integration using Jenkins, JIRA, GIT, CHEF.
* Expertise in developing model components using ORM technologies like MyBatis, Hibernate
* (Caching, Hibernate Template, DAO) to write Database independent persistence logic and to
* maintain portable relationships between the databases.
* Have developed the micro services framework prototype with guidelines, the developers have followed as skeleton model and developed their interfaces on top of the baseline prototype.
* Good experience in **J2EE** Testing in developing test cases with **JUnit, MOCKITO** for Unit testing, and logging using **Log4j**.
* Good Experience in **Mock Testing**.
* Experienced with RDBMS implementation and development using **Oracle, My SQL, MSSQL and DB2.**
* Expertise in database modeling and development using **No SQL** Database such as **MongoDB** and **Cassandra**.
* Experience in using version control and configuration management tools like **GIT, SVN and CVS**.
* Experience in using the tools like **Ant and Maven** for build automation.
* Extensive experience in testing on multiple operating systems including **Linux**, **Unix**, **Sun Solaris, and Windows.**

# Technical Skills:

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| **Languages:** | core Java, J2EE, SQL, PL/SQL |
| **J2EE Technologies** | Servlets, JDBC, JSP, JSF, JMS, EJB, JNDI, Java Security |
| **Web Technologies** | HTML5, CSS3, JavaScript, jQuery, AJAX, AngularJS, NodeJS, CSS, XML, XSD, XSL/XSLT, SAX/DOM, JSON, ReactJS, Bootstrap |
| **Tools & Frameworks** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, JSF, JUnit, SOAP UI, Groovy, ANT, Maven, Jenkins, Apache ActiveMQ, Apache Camel, Hibernate, Rabbit MQ, Swagger |
| **Web Services** | SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, Micro Services, AWS (Amazon Web Services) |
| **App/Web Servers** | Apache Tomcat, IBM Web Sphere, JBoss EAP, Web Logic Server, Glassfish |
| **Databases** | Oracle, SQL-Server, MongoDB/NoSQL |
| **IDE’s** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD |
| **Testing Tools** | JUnit, Postman, SOAP UI ,Putty, Rational Clear Quest, RTC, StarTeam |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case, GIT |

**Work Experience:**

**Client: Honeywell, Irvine, CA Date: Nov 2019 – Present**

**Title: Java Fullstack**

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* Developed the functionalities using **Agile Scrum Methodology**.
* Extensive experience in various **Agile** methodologies like **Test Driven Development** (TDD) **.**
* Involved in developing **UI** using **Spring MVC** framework, **JSP, JSTL, HTML5, CSS, JavaScript, JQuery, AJAX and AngularJS.**
* Created Reusable Modules and Custom Directives in **Angular2.0**which got used in various places of application.
* Implemented **AngularJS**Controllers to maintain each view data. Implemented Angular 6,Angular Service calls using Angular Factory tested all application controllers extensively with AngularJS built-in testing facilities.
* Extensively used core java concepts like **Multithreading**, **Collections Framework, File I/o**and **concurrency.**
* Experience in Core Java concepts such as **OOP** Concepts, **Collections Framework**, and **Exception Handling, I/O System, Multi-Threading, JDBC, Generics.**
* Used **Java8**features in developing the code like **Lambda expressions, creating resource classes**, fetching documents from database.
* Used design patterns like **Singleton, Data Access Objects, Factory**and**MVC patterns**.
* Testing and production support of **core java** based **multithreading ETL** tool for distributed loading **XML** data into **Oracle database** using **JPA/Hibernate**.
* Created **POJO’s**and **DAO’**s for the database entities using **Spring JDBC annotation mappings**
* Integrated with **Spring Cloud** projects to provide distributed tracing and other features.
* Developed **microservices**with spring and tested the application using Spring Boot.
* Used **Spring Core annotations**for **Spring Dependency Injection, Spring MVC** for **Rest API’s** and **Spring Boot**for **microservices.**
* Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded **Tomcat**.
* Developed **GSA, LSS and SDL** using C**++, Multi-threading and socket programming**.
* Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
* Deployed applications into Continuous integration environments like **Jenkins** to integrate and deploy code on CI environments for development testing.
* Implemented Rest based web service using **JAX-RS annotations**, **Jersey** provider implementation.
* Integrated **ActiveMQ and spring JMS API** to send and receive message for the application’s **restfulAPI**.
* Experience in design and development of **Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML, XSD, XSLT, X-Path.**
* Wrote build scripts using**Maven.**
* Developed the persistence layer using Hibernate Framework by configuring the 1:1/1:M/M:M mappings in **hibernate** files and created **DAO and POJO**.
* Experience in **NoSQL** database like**MongoDB** installation, configuration and in designing **MongoDB**multi-shared cluster and monitoring with MMS.
* Installed the **WebSphere MQ** and involved in configuring **MDB listeners, JMS resources**, and queues and integrating with the **WebSphere** Application Server.
* Configuring **WebSphere** Application Server on multiple platforms for both horizontal and vertical scaling for Work Load Management.
* Experience in working with **NoSQL**Database like **MongoDB** to manage extremely large data sets.
* Used **log4j**to print the logging, debugging, warning, info statements.
* Implemented **Selenium Web Drivers** and **Protractor** for testing the UI components.
* Involved in setting up Test automation and developed **cucumber** feature files and used **Selenium** for automated testing with **TestNG**.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* Experience on implementation of version control software **GIT**repositories.

**Environment:** Agile, HTML, CSS, JavaScript, JQuery, AJAX and Angular 2,XML,DAO,POJO, JPA,JAVA,Java8, Springs(IOC,AOP, JDBC) Frameworks, Spring Boot, Microservices, JSP, Hibernate Framework ,AWS,, RESTful Web services, SOAP, Maven, WebSphere Application Server, Mongo DB,NoSql,Log4j,Jenkins,JIRA, Selenium Web Drivers, Protractor, GIT, Socket Programming.

**Client: Comcast, Philadelphia, PA Apr 2018 – Oct 2019**

**Title: Java Fullstack Developer**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, Development, Testing production of application using **Waterfall** model.
* Developed web applications with **HTML5, CSS3, Bootstrap**and **Angular JS.**
* Used **JQuery**for basic animation and end user screen customization purposes. Also used **CSS pre-processors** (SASS).
* Involved in the development of presentation layer and **GUI** framework using **Angular JS** and **HTML.**
* Involved in rendering additional components with custom **HTML** tags using **React.js.**
* Involved in writing application level code to interact with **APIs, Web Services** using **AJAX**and **Angular resources.**
* Developed code for Responsive web design in JavaScript using frameworks like **Angular.js**, **React.js**.
* Used the **Collections API, Generics, multi-threading** while developing code.
* Method references are used provided in **Java8** to make use of methods already named
* Database development required creation of new tables **PL/SQL stored procedures**, **functions**, **views**, **indexes** and **constraints, triggers** and required **SQL** tuning to reduce the response time in the application.
* Involved in the struts upgrade to 2.X which involved in changes to action class.
* Experience in developing **LINUX shell scripts** for automating deployment of applications
* Developed **spring middleware**components for implementing business logic and Implemented **SOA** based architecture using web services to build a loosely coupled system.
* Designed and developed Business components and Integrated with **spring**framework and also developed various reusable Helper and Utility classes, which are used across all the modules of the application.
* Used **RESTful**for producing web services and involved in writing programs to consume the web services
* Deployed the java application using **Maven** build script.
* Used **Log4j** for logging various levels of information like error, info, and debug into the log files.
* Used Java/J2EE Design patterns such as **Singleton**, Service Locater, DAO etc. and **Spring IOC pattern**and responses.
* 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.
* Designed enterprise API’s and involved in developing the API’s. Involved in testing API’s using **SoapUI** and **Postman**.
* Implemented Swagger for the **microservices**for Documenting **Rest API.**
* Implemented **Rest API** Design Guidelines for the **microservices**.
* Involved in writing **Maven**scripts for automated deployment of the application and managed GitHub Projects and migrated from **SVN**to **GitHub** with merge and version and used **Jenkins** for continuous integration
* Involved in working with the **QA** to assist in writing test code and **debugging the defects** in the application.
* Responsible for making sure that all system upgrade logs were current and creating a report for management.
* Assisted in designing several significant **Cisco**network upgrades for larger clients.

**Environment:** Agile waterfall, HTML, CSS, JavaScript, JQuery, AJAX and Angular JS,XML,JSTL JSP, Java, Spring Frameworks, Hibernate, JDBC, RESTful Web services, SOAP, Jenkins, Maven, Mongo DB,NoSql,Log4j,Jenkins,JIRA, LINUX,UNIX,SVN,GIT.

**Client: Altair Technologies, Bangalore India. Feb 2017 – Dec 2017**

**Title: Java/J2EE Developer**

**Responsibilities:**

* As a Developer in Java, was involved in functional discussions and prepared detail design documents for various modules of the application related to Project and its scope.
* Used **Agile Methodologies** to manage the full life cycle development of the project.
* Participated in development of a well responsive Single Page Application (SPA) using **AngularJS framework, JavaScript and jQuery in conjunction with HTML, CSS3 standards, with front-end UI team.**
* Developed server side JEE application components using **Spring Core, Spring MVC, Annotations, Servlets, JDK 1.7, EJB's**
* Extensively used Spring Framework modules like **DI (IOC), Auto Wiring, JDBC Templates, Spring Security, AOP.**
* Deployed the Application into Docker container and made easily accessible at runtime using Cloud Foundry and other cloud services like **AWS.**
* Developing **spring boot application** using micro services 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.
* Used **Spring Batch** as spring batch jobs can meet the requirements of reliability, robustness, and traceability, which are essential for automatic processing of large amount of data.
* Parsed the data to project to client and handled the security and Authorization using **Spring Security and OAuth.**
* 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.
* Extensively used Hibernate concepts such as **inheritance, lazy loading, dirty checking, locking, and transactions.**
* Hibernate DAO classes were developed to retrieve and save data using spring framework manager classes.
* Performance monitoring of Mongo databases with OPS manager/MMS and familiar in installing and maintaining MongoDB in private Cloud Environments. Worked on multiple **BSON** type objects and used based on requirement.
* Developed a code for Web services using **JAX-WS, SOAP** and used SOAP UI tool for testing the services.
* Consumed **Web Services (WSDL, SOAP)** from third party for authorizing payments to/from customers.
* Modified existing applications to a suite of micro services and all micro services to facilitate deployment using Spring Boot and Junit and Power Mock frameworks for unit testing.
* Involved in developing micro services integrated with **VSTS** for CI/CD by automating the build/release process.
* Moving existing monolithic architecture to micro services and migrating them to AWS cloud.
* Created and configured AWS Elastic Load Balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Deployed and tested on **WebSphere application server**.
* Configured Maven for Java automation projects and developed **Maven Project Object Model (POM).**
* Writing Unit test cases using **JUNIT** testing framework and performed unit and system testing.
* Used **Log4J** to capture the log that includes runtime exceptions, monitored error logs and fixed the problems.
* Selenium's playback tool feature for authoring tests has been used in executing more than 100 test cases.
* Used IBM Clear case as version controlling system.

**Environment:** Agile, Servlets, Bootstrap, HTML, CSS3, AngularJS, JSP, HTML, XML, JSF, AJAX, jQuery, HashMap, JSON, Spring MVC, JDK 1.7, EJB, JMS, J2EE, Eclipse, Spring Batch, Security, Transaction, Hibernate, Apache Tomcat, MySQL, PL/SQL, Apache Axis2, SOAP, WSDL, SOAPUI, MicroServices, AWS, Maven, Junit, Log4j, Selenium.

**Client: eRetail Cybertech Pvt. Ltd., Hyderabad, India Sep 2015 – Jan 2017**

**Title: Java Developer**

**Responsibilities:**

* Developed the business domain layer using **Java, J2EE, JDBC** and **used DAO, Transfer Objects, Singleton, Factory**and**Front Controller design patterns**
* Implemented **Struts framework** in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer
* Developed **Struts framework** Action **Servlets** classes for Controller and developed Form **Beans** for transferring data between Action class and the View Layer
* Developed the front end **UI** using **JSP, HTML, JavaScript, CSS**. Implemented **Struts Validators framework** to validate the data
* Developed Ant(build.xml) targets for build and deployments on **WebSphere Application Server** 5.0
* Developed **Stored Procedures** in the **Oracle 9i database**.
* Performed impact analysis on the **dependency projects** of OneSource Project
* Involved in writing unit test plans and developing test cases using **Junit**. Used Configuration Management and **Version Control tool CVS**.
* Designed User Interface using **Java Server Faces (JSF), Cascading Style Sheets (CSS), and XML**.
* Developed the **Enterprise Java Beans** (Stateless Session beans) to handle different transactions such as online funds transfer, bill payments to the service providers.
* Developed deployment descriptors for the **EJB** have to deploy on **Web Sphere** Application Server.
* Implemented **Service Oriented Architecture** (SOA) using **JMS** for sending and receiving messages while creating web services.
* Developed Web Services for data transfer from client to server and vice versa using **Apache Axis, SOAP, WSDL, and UDDI.**
* Extensively worked on MQ Series using point-point, publisher/subscriber messaging Domains for implementing Exchange of information through Messages.
* Developed **XML documents** and generated **XSL** files for Payment Transaction and Reserve Transaction systems.
* Implemented various **J2EE**Design patterns like **Singleton, Service Locator, Business Delegate, DAO, Transfer Object, and SOA.**
* Worked on **AJAX** to develop an interactive **Web Application and JavaScript** for Data Validations.
* Used **Subversion** to implement version control System.

**Environment**: Java 1.6, J2EE, HTML, JQuery UI, JQuery 1.1,Struts 2, EJB 3, Hibernate, XML, JavaScript, Web services, Servlets, Oracle, HTML, SVN, JUnit, Eclipse, LDAP, Apache Commons Libraries, WebLogic Application Server.

**Client: Value Labs LLP, Bangalore, India May 2012 – Aug 2015**

**Title: Java Developer**

**Responsibilities:**

* As a Java Developer, Experience in analyzing business needs as a part of the releases
* Experience in using **XML** documents with **XSLT and CSS** for translation of contents into **HTML**, and validated XMLs by using XSD’s and DTD’s.
* Experience in **Struts 1x tiles and validators concepts** for the front end effectively implementation.
* Developed front end i.e., presentation layer of application by using **JSP and Servlets.**
* Wrote **JUnit 3 Test Cases** to perform unit testing for different modules of the application.
* Implemented stored procedures and added new paper types also finishing options to database.
* Participated in developing the auto build scripts by using ANT deploy application and test in the Servers.
* Used **STS, Eclipse Galileo** as IDE for the application development.
* Participated in writing **SQL queries, PL/SQL** stored procedures for existing database structure.
* Designed object model diagrams and data model diagrams to achieve business requirements.
* Created and updated Wiki for client teams to share the information about the projects regularly and required for frequent uses.
* Participated in creating custom components with **HTML, JavaScript and CSS,** also used Controls and Repeaters for data sets.
* Involved in building real time data pipeline using Kafka and Spark.
* Used Kubernetes to deploy scale, load balance, scale and manage Docker containers with multiple name spaced versions.
* Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
* Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.

**Environment:** Java1.6, J2EE, Servlets, JDBC, XML, XSD, XSLT, EJB, Eclipse, , JIRA 3.12, JSP, JavaScript , Mercury Quality Center HTML, HP Quality Center, Struts 1.2, Web Logic 10.3, PL/SQL, Visio, SVN, Tomcat, Ant, JUnit, Oracle10g, Windows XP, CSS style sheets,Node js,RXJS,NGRX.