## SAI PUPPALA [sai.puppala9@gmail.com](mailto:sai.puppala9@gmail.com) +1 (612) 666 – 0788

**Professional Summary**  
Over 8+ years of experience in providing full life cycle solutions for applications and expertise in Software Design, Development and Testing with expertise in Core Java, Java, J2EE, Elastic Search, JSP, Servlet, spring, Hibernate, Struts, SQL, NoSql, Client/Server Programming, HTML, JUnit, Maven.

* Experience in all phases of Project and Product Development Life Cycle that includes System Study, Analysis, Design, Development, Integration, Testing, Deployment, Maintenance, Re-Engineering and Documentation.
* Proficient in developing Multi-Tier Enterprise applications.
* Developed applications using open source technologies like Hibernate, Struts and Spring.
* Expertise with a variety of servers like Apache Tomcat, Web Logic, WebSphere, JBoss AS.
* Expertise in developing web based GUIs using JSP and HTML, XML, XSLT, JavaScript.
* Experience in developing SOAP and REST based Web Services.
* Knowledge of Relational databases like PostgreSQL, MySQL, NoSql and Oracle.
* Experience in using NoSQL databases like, HBase and MongoDB.
* Familiar with Hadoop ecosystem, Scala, Spark and R- programming as well.
* Extensively worked with IDE's like Eclipse, NetBeans and Spring Source Tool Suite (STS).
* Good knowledge of Design patterns like Singleton pattern, Model View Controller, Factory, Template and Builder design patterns.
* Provided the user support for any issues and involved in controlling multiple user requests at server-side.
* Experience in handling, configuration and administration of databases like MySQL and NoSQL databases like MongoDB.
* Have successfully managed high availability of production systems for Corporate Sectors and Individual Organizations as MySql DBA.
* Strong MySql and SQL Server skills but also significant general system administration skills on UNIX/HP Open VMS, Linux and Windows environment. Proficient writing shell scripts as well as knowledge in general systems administration tasks.
* Hands-on experience in different modules (Spring MVC, Spring ORM, Spring JDBC, Spring TX) of the Spring Application Framework.
* Experienced in Database optimization and developing stored procedures, Triggers, Cursors, Joins, Views, Cursors and SQL on databases: **MySQL, NoSql, Oracle10g, OMWB tool.**
* Good Knowledge in implementing client-server business applications using MVC architecture inculcating different JEE frameworks.
* Have Strong Database Skills on **T-SQL, PL/SQL, Oracle, MS ACCESS, OLEDB, ODBC, MongoDB, MY SQL and NOSQL.**
* Flexible committed individual with excellent interpersonal & communication skills, aiming to specialize in the fields of Java/JEE.
* Outstanding skills in design aspects and technical documentation along with Git, GitLab, strong interpersonal, analytical, and Organizational skills.
* Hands-on experience in various platforms: Windows, UNIX and Linux.
* Supported production environment, managed production Issues/Meetings, and reviews, trouble-shooted production issues.

**Skills Summary**

JAVA/J2EE (8 years), ORACLE (6 years), ELASTIC SEARCH ( 2 Years), WEBSPHERE (6 years), CSS (6 years), HTML (6 years)

**Additional Information**

**TECHNICAL SKILLS:**  
Languages: **C, C++, Java, JavaScript, SQL, PL/SQL, Java Enterprise Edition**  
Web Technologies: **Servlets, JSP, Struts, Spring (IOC and AOP), Hibernate, MDBs, Session Beans, JavaScript, AJAX, DOJO, ExtJs, Java Mail, HTML, CSS, DTD, SCHEMA, XML, SAX, DOM**  
**Web Services SOAP, WSDL, JAX-RPC, JAXB, JAX-WS, Apache Axis**  
Databases **Oracle and MySQL, NOSql, MongoDB**  
Distributed/ Middleware JMS (Java Messaging Service)  
**Tools/Software InteliJ, Eclipse, My Eclipse, RAD, Net Beans, SQL, TOAD, SQL Developer, Clear case , Subversion, JUnit, UML**  
**Application/Web Server Apache Tomcat, Jboss , WebSphere and WebLogic**  
Operating Systems **UNIX, Suse Linux, Windows**  
Protocols **TCP/IP, HTTP, HTTPS (HTTP+SSL), TELNET, FTP**  
Other Tools & **Design Patterns ANT, MVC, Front Controller, Service Locator, Business Delegate, Transfer Object, Singleton, Factory Pattern, DAO Pattern**

**Sammons Financials – Sioux Falls, SD May 2016 to Present**

**JAVA/J2EE Developer**

**Responsibilities:**

* Design and Implement End to End Search service Solution using Elastic Search
* Design Indexes and Implement the Day 0 Load to Elastic Index from Mongo.
* Design and Implement Sync messages from Mongo to Elastic after Day 0
* Build and produce REST service for custom Search service on Elastic Search.
* Developed a multi-user web application using JSP.
* JSTL, Action Forms, Action Classes, JavaScript and JDBC to provide the needed functionality
* Used Dojo for the client side development and validations
* Developed the UI panels using JSF, XHTML, CSS, DOJO and JQuery.
* Worked on Relational databases **Oracle DB, NoSQL Databases**
* Used AJAX in suggestive search and to display dialog boxes.
* Installed and configured MySQL on Linux and Windows environments.
* Managing/Troubleshooting MySQL 5.0.22 and 5.1.24 in production and developer environments on both Linux (5.0, 5.1) and Mac OS X.
* Performed installation, new databases design, configuration, backup, recovery, security, upgrade and schema changes, tuning and data integrity.
* Increased database performance by utilizing MySQL config changes, multiple instances and by upgrading hardware.
* Effectively configured MySQL Replication as part of HA solution.
* Used JSP, JavaScript, JQuery, AJAX, CSS3, and HTML5 as data and presentation layer technology.
* Designing the database and coding of SQL, PL/SQL, Triggers and Views using IBM DB2.
* Used JDBC to connect to the oracle database and JNDI to lookup administered objects
* Developed JSPs, Struts Actions and Action Forms, Tiles layouts and DB2 SQLs.
* Used Hadoop eco system for transferring data from RDBMS to HDFS and Scala, Spark for analytics.
* Extensive experience in Web using MVVM, MVC, and Web API and Managed and administered all **NoSQL** database systems.
* Written Pig and Hive UDF's for data cleansing.
* Responsible for extracting the data by Screen Scraping and also responsible for consuming the web services using Rest API, Apache CXF.
* Worked on web services SOAP and REST technologies
* Developed the web services by using WSDL, SOAP using SOA
* Performance Tuning on a daily basis for preventing issues and providing capacity planning using MySQL Enterprise Monitor.
* Developed stored procedures, triggers in MySQL for lowering traffic between servers & clients.
* Used GIT to maintain source and version management and used Eclipse as IDE.
* Worked on Securing WebSphere Portal with LDAP and DB2, IBM RAD, WebSphere with LDAP.
* Used Subversion for software version control
* Used **NoSQL Db's such as MongoDB**, Installed, configured & performed data load from **MySQL.**
* Created test plans and JUnit test cases and test suite for testing the application.
* Worked in Agile environment with active scrum participation.
* Designed the front end using AngularJS, Java Applets and Swing, as well as JSP
* Developed the front end using Node Js, AngularJS, JSP JSTL, AJAX and Display Tag libraries.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework.
* Performed MySQL Replication setup and administration on Master-Slave and Master-Master.
* Developed Maven scripts for various tasks to automate the build process and for the deployment of the application in Web Sphere server
* Used XML Web Services using SOAP to transfer the amount to transfer application that is remote and global to different financial institutions.
* Experience in Cloud based application development and implementation in **NOSQL technologies like HBase, Cassandra, Couch DB, PostgreSQL,** **Mongo DB and Amazon Web Services**.
* Developed order receipt report with bar code using lowageiText and jasper report.
* Provided end user support for all levels of Oracle ECM users.
* Primary UI developer for Google Web Toolkit (GWT)-based VDI-in-a-Box management console
* Used JIRA issue tracker to file the bugs.
* Create, manage **SQL Server Azure** Databases and also worked with **NoSQL.**
* Designed and implemented Report Module (using Jasper Report framework) in phase 2.
* Worked with business teams using Agile methodology to integrate business line of apps with SOA in a seamless fashion.
* Worked with **NoSQL MongoDB** in working with collections and other database management tasks.
* Developed Approved requirements with assign share functionality using JSP and mail notification using JMS.
* Configured Server for Oracle Database and Apache Tomcat
* Developed Oracle Stored Procedures to update records on a daily basis and it will invoke using cron job in LINUX
* Developed and designed web interfaces and layouts using Angular4. PHP, loT, JavaScript, HTML 5 and CSS.

**Environment**: JSF, Dojo, JavaScript, CSS, Ajax, Html5, Db2, PL/SQL, Elastic Search, Jdbc, Mongo DB,Apache Cxf, Soap, Web services, Eclipse, WebSphere Portal, Subversion, Junit, Scrum, Angular, Uml, Jsp, Jstl, Servlet, Maven, Xml.

**Intermountain HealthCare – Salt Lake City,UT September 2014 to April 2016**

**JAVA/J2EE Developer**

**Responsibilities:**

* Interacted with Business users and Business Analyst to gather requirements.
* Involved in the analysis & design of the application using UML with Rational Rose.
* Generated Use case diagrams, Class diagrams, XML Schemas and Sequence diagrams using Rational Tool Suite.
* Used Struts Framework in the application, which is based on MVC design pattern.
* Extensive use of HTML, JSTL, JSP and JQuery for the presentation layer along with Java script for client side validation.
* Has worked with a **noSQL database (we use MongoDB)**
* Worked with a **NoSQL Database like MongoDB**
* MySQL database administration on a large scale MySQL installation.
* Experience with MySQL on both Linux and Windows.
* Developed Custom Tag Libraries for the use in web pages by using JSTL packages for the development of the Web Pages.
* **NoSQL database experience such as MongoDB**
* Developed Portal Dashboards, to show executive summary connecting to different data sources.
* Developed Application controllers, Business and Data service modules for the web applications.
* Implemented Restful web services (JAX-RS) and experience is using SOAP and WSDL as well.
* Used JNDI to lookup for the data sources required and used Eh cache for general purpose caching.
* Proficient in Database management **(MySQL, NoSQL and/or PostgresSQL)**
* Working knowledge of both relational and **NoSQL** database design and management.
* Solid knowledge about relational databases, **NoSQL data stores**, database design and querying
* Automated Data Import Script using shell scripting, PHP, MySQL and regular expressions.
* Designed various applications using multi-threading concepts
* Worked Extensively in architecting, designing and developing Portal Applications, Portlets and deploying them to WebSphere Portal Server.
* MySQL database backup and recovery strategies and Replication and synchronization.
* Created, tested, and maintained PHP scripts, MySQL programming, forms, reports, triggers and procedures for the Data Warehouse.
* Created database application using PHP and MySQL as the database to monitor customer profiles and complaints.
* MySQL processes, security management and queries optimization.
* Worked on Consuming RestAPI, SOA/Web Services and created request and response WSDLs.
* Used Design Patterns like Factory, Singleton, Value Object and DAO pattern.
* Designed tables in Oracle 10g database and worked with Database Developers for implementing Stored Procedures in the application.
* Performed PHP/MySQL coding on Web applications that are driven by MySQL database.
* Worked on implementation of persistence layer using spring mongo db plug-ins.
* Worked on No-SQL databases like Hbase and mongo DB.
* Assisted Database Developers using PL/SQL for managing data associated with the tables.
* Used Spark for data analytics.
* Strong in database concepts and solid experience in databases such as **SQL Server, Oracle, and/or NoSQL.**
* Implement Log Shipping in SQL Server 2000 from primary server to Standby server.
* Installing and configuring SQL Reporting Services 2005 on Windows Server 2003 EE environment.
* Responsibilities include Upgrading for two applications from MS SQL Server 2000 to MS SQL Server 2005
* Used JSON to load data into JQUERY data grid.
* Used JSON as response type in REST services.
* Used a part of Hadoop ecosystem to transfer data to DFS and R-programming for analytics.
* Worked on Npm and grunt commands while performing front end and data analytics.
* Involved in Performance and SQL Query Optimization.
* Involved in writing customer portal applications in Groovy and Grails.
* Used Maven for dependencies and configuration management.
* Debugging and troubleshooting any technical issues while implementing the applications.
* Monitored the error logs using Log4J and fixed the lot problems.
* Developed Maven scripts for the build and deployment of J2EE components in application server.
* Involved in designing test plans, test cases and overall Unit testing of the system.
* Used CVS for version control

**Environment:** Java 1.6, Struts, IBM® WebSphere(TM) Application Server, IBM® WebSphere(TM) Application Developer, Rational Application Developer, Oracle 10g, Spring 2.5, Hibernate 3.0, JSP, Servlets, JavaScript, Design Patterns, GWT, Grails, HTML, CSS, Maven, XML, PL/SQL, JDBC, UML, JNDI, JUnit, JAXB, CVS, web services (JAX-RS), Log4J

**Farm and Local - Bedford, NH January 2013 to August 2014**

**JAVA/J2EE Developer**

**Responsibilities:**

* Deployed J2EE applications in JBoss clustered environments.
* Involved in local and farm DepolymentsforJBoss application server.
* Deployed J2EE applications on jboss clustered environment (Farm and Local deployments).
* Upgrade to version 6.1 to 7 and fix packs to the runtime environment as required decreasing vulnerability to production environment and moved the application to other data centre.
* Created Process instances views and tasks in the BPC Explorer to process the stuck instances and also to know the number of counts.
* Configured JDBC connectivity for Jboss using Type-4 drivers.
* Deploying application in WAS and WPS on Linux using console and also automated JACL scripts after getting the Release EAR, WAR and JAR files from Rational Clear Case.
* End to End Business Process Execution Language (BPEL's) implementation of sample application.
* Upgraded applications with various patch files (JSP's, EJB's, Class files, changing various properties and property files and other configurations).
* Defined, documented, troubleshoot, and resolved issues relating to the business/BPEL workflows for the Re-Admin, from the vendor C2P supplied code, and supported the Environmental setup.
* Installed Business Process Choreographer Explorer, maintained, troubleshoot Business instances and overall system.
* Applying patches and plug-ins for WebSphereApplication Server and Process server.
* Design the specifications for Websphere Application / Process Servers and Process servers as per business needs.
* Responsible for setting up the Dev, loT Test, QA, Pre-Prod and Production Environments which includes Installing the WebSphere, fix packs, Creating Profiles, nodes, federation of nodes, was instances, Application Servers, Clusters, Virtual hosts, Data Sources, MQ Connection factories, Plug-in configuration, and Service Integration Bus Configuration.
* Deployed EAR/WAR files on multiple Servers/Clusters and maintained Load balancing, high availability and Failover functionality.
* Experience in Smart CVS to transfer the .war and .aar files from CVS to remote BoKs
* Developed scripts of wsadmin using JACL, JYTHON for automationofWebsphere processes including start/stop, creating and configuring serves, clusters, JDBC and MQ resources, deploying applications.
* Worked with IBM Support and development teams in troubleshooting issues related to application memoryleaks, out of memory, hung sessions, session replication, analyzingjava cores and heap dumps using ThreadandHeapanalyzer tools. And troubleshooting issues with federation of nodes and synchronization of nodes with NDM.

**Environment:** J2EE 1.5, Windows 2008, IBM HTTPServer6.0.2.9, Oracle 9i/10g, DB2 9.x/8.x, BPEL, WSAD, RAD7, Apache, SunOneWebServer 6x, Active Directory (ADAM), Site Scope, Web Access, XML, DB2, Shell scripts.

**Tek Mahindra, Mumbai, IndiaJuly 2011 to December 2012**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in Requirement Analysis, designing, development and testing of the entire application.
* Experience in the development of Presentation layer using JSF, HTML, and CSS.
* Worked with EJB in the server-side to encapsulate the business logic of the application.
* Involved in development of presentation layer using JSF framework, and MVC design paradigm.
* Developed rich User Interface using AJAX Toolkit.
* Used Web Services using SOAP, WSDL, UDDI and JAX-WS programming model.
* Created the Presentation Layer, Business Logic Layer, DAO and Transfer Object using IBM Rational Application Developer.
* Used Interceptors for Logging and Auditing purposes.
* Developed application using JMS for sending and receiving Point-to-Point JMS Queue messages.
* Worked on SEO Marketing and Retail and documented Marketing strategies for E  
  commerce.
* Experience in using Data Access Objects (DAO), Session Facade, Business Delegate and Value Object patterns to increase the performance of the system.
* Experience in using Hibernate for object-relational mapping and for database operations in DB2.  
  Used JUnit for testing the application, Maven for building Projects.
* Involved in configuring JMS and JNDI in rational application developer (RAD).
* Used JMeter for performance testing.
* Used IBM MQSeries for messaging services to various branches.
* Created UML diagrams like Class diagrams, sequence diagrams, Activity diagram using Rational Rose. Agile methodologies like scrum were used.
* CVS technology was used for version controlling.

**Environment:** Java, J2EE, JDK, JSP, Struts, EJB, JMS, DOJO, Spring, Hibernate, DB2, Web Sphere Application Server, Mule ESB, IBM MQSeries, Web Services (SOAP, WSDL), JSF, CSS, Log4J, HTML, PL/SQL, CVS, Rational Application Developer, Rational Rose.

**Tek Mahindra, Hyderabad, India February 2010 to June 2011**

**Java Developer**

**Responsibilities:**

* Analyzed the requirements and provided inputs to the designer.
* Designed Class diagrams, framework and developed using Factory, DAO, Singleton and MVC pattern.
* Developed the business tier using Core Java and the HTTP interfaces using Servlets.
* Involved in review of the design and helped in transforming the application to an optimized solution framework.
* Designed the helper classes for better data exchange between the MVC layers.  
  JSP, HTML, JavaScript, CSS and Ajax used for front end development.
* Implemented Collections API to manage Java Objects in Business Logic layer.
* Built the admin module using Struts framework for the master configuration.
* Implementation of DistrubutedMap using DnyaCache for implementing the distributed cache on a clustered environment.
* Worked with multithreading in synchronized environment.
* Designed and developed the persistence tier using Hibernate framework.
* Implemented EJB (Session Beans) to create WAS Scheduler.
* Used WebSphere data sources for the database connection and accessed using JNDI names.
* Implemented the WebSphere scheduler and provided the scheduling logic to process the Cache.
* Developed a Stored Procedures for inserting and updating the tables of the database.
* Used Oracle as relational databases and created E-R diagrams for the database tables.
* Implemented Log4j to maintain system log.
* Managed the functional and load testing by interacting with the testers and providing them the guidelines and deadlines for completion of work.
* Directly interacted with the client application leads, to help them integrate their application with MNP.
* Eclipse was used for Rapid Development of the application.
* Build EAR using ANT tool.
* Deployed the application on production server along with WAS administrator.

**Environments:** Java, JSP, Html, CSS, JavaScript, Ajax, Servlets, Struts, Hibernate, EJB (Session Beans), Log4j, WebSphere Data source, IBM Web sphere, JNDI, Oracle, Windows XP, Unix, Ant, Eclipse.