# BHANU POLAVARAPU [polavarapu.bhanu@gmail.com](mailto:polavarapu.bhanu@gmail.com) 720-446-6221

**Summary:**

* Over 8+ years of experience in the design and development of Object-Oriented Software applications using Java and J2EE related technologies.
* Experienced in web technology which includes HTML, XHTML, DHTML, Java Script, CSS, AJAX, JQuery, Tag Libraries, and Custom Tags.
* Developed the UI components using Prime faces 3.5, XHTML, JavaScript, JSON and AJAX, CSS.
* Developed Custom Widgets, handled DOM manipulation, MVC, Designing Layouts, Form and Data management, validation, Data Stores using DOJO framework.
* Developed and exposed/consumed Web Services using Json Rest and request.
* Used DOJOX modules for couple of pages to display graphs.
* Sound experience in Application Design using Object Oriented Analysis and Design (OOAD), Object Oriented Methodologies like UML and experienced in developing Use Case Model, Use Case Diagrams, Behavior Diagram (Sequence diagram, Collaboration Diagram, State Chart Diagram, Activity Diagram), Packages and Classes using Rational Rose.
* Extensive experience in Software Development Life Cycle (SDLC) – Requirements Specification, Design documents and writing Test cases using various software engineering process ranging from Waterfall to Agile methodology.
* Proficient in unit testing the application using JUnit.
* Extensively worked with IDE’s like Eclipse, RAD.
* Good experience in SOAP based web services, working on n-tier architecture.
* Excellent communication and interpersonal skills.
* Expertise with a variety of servers like Apache Tomcat, Web Logic, WebSphere, Glassfish, JBoss, and Deadline oriented.
* Experienced in version management systems with Clear Case, Microsoft VSS, CVS and SVN.
* Experienced in troubleshooting in a production environment, System maintenance and monitoring processes.
* Good knowledge of Design patterns like Singleton pattern, Model View Controller, Factory architecture.
* Ability to work in-groups as well as independently with minimal supervision.
* Excellent problem solving, analytical and interpersonal skills, Strong team player, self-motivated, proactive.

**Technical Skills:**

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| **Programming** | Java, PHP |
| **Frameworks** | J2EE , MVC, Struts, Spring 3.0, JSF, Sun RI, my Faces, Hibernate, JPA, EJB, JDBC, XML, DTD/XSD |
| **Web/Front End** | JSP, Servlets, AJAX, JavaScript, JSON, CSS , XML, HTML , JQuery, DHTML |
| **Concepts** | OOAD, UML, Design Patterns, Data Modeling |
| **Libraries** | XML Beans, Log4j, Apache Commons, Apache HTTP Client, SAX/DOM, Xpath |
| **Web Servers** | Apache, Tomcat |
| **Portal** | Weblogic Portal 10.2, Weblogic Portal 4.0, JSR 168/286 |
| **Web Services** | SOAP, WSDL, JAX-RPC, REST, Axis |
| **Messaging** | MQ Series, JMS, JNDI |
| **Middleware** | Weblogic, Web sphere, Jboss |
| **Databases** | DB2, Oracle 11g, MS-SQL Server |

**Professional Experience:**

**Client Name: Liberty Mutual Jun 14 – Till date**

**Project 3:**

**Role: Java Developer**

**Project Name: eCLIQ Data Feed & DAF**

The eCLIQ Data Feed project will be extending the ACORD framework to include all lines of business and adding versioning capabilities to the framework and corresponding Generate ACORD service.

**Responsibilities**

* Developed the UI components using Prime faces 3.5, XHTML, JavaScript, AJAX and CSS.
* Worked with Spring 3.0 AOP as the binding framework.
* Extensively used apache camel to handle payloads coming from JMS queue with custom route to handle all the logic.
* Wrote custom retry processors to handle all error handling mechanism.
* Used JSF 2.0, Spring-MVC, Spring core and tab-libraries.
* Working with XML parsers with dom4j and JAXB for the conversion of java objects.
* Used XML Spy XML editor for modeling, editing, transforming, and debugging.
* Involved in developing SOA Web Services using XML and SOAP
* Designed custom SPLUNK dashboard and Alerts.
* Used DB2 as the database and developed PL/SQL programs for reporting.
* Used atlassian tools to keep track of issues, service desk and code reviews.
* Used Eclipse Platform as the IDE.
* Used SVN to control the source code and versions of the code.
* Used MAVEN as build tool to decrease complexity in building process (POM).
* Used Agile/Scrum and Test Driven Development (TDD) methodologies

**Project 2:**

**Role: Java Developer**

**Project Name: Service Management Workstation**

Service Management Workstation is a migration of AMP portal which is providing our management to handle our clients, contacts and control over journal entries and respective activities for the customers with quality assessment.

**Responsibilities**

* Developed the UI components using Prime faces 3.5, XHTML, JavaScript, JSON and AJAX, CSS.
* Worked with Spring 3.0 AOP as the binding framework.
* Used JSF 2.0, Spring-MVC, Spring core and tab-libraries.
* Working with XML parsers with dom4j and JAXB for the conversion of java objects.
* Used DB2 as the database and developed PL/SQL programs for reporting.
* Used Eclipse Platform as the IDE.
* Used SVN to control the source code and versions of the code.
* Used MAVEN as build tool to decrease complexity in building process (POM).
* Used Agile/Scrum and Test Driven Development (TDD) methodologies

**Project 1:**

**Role: Java Developer**

**Project Name: Commercial Insurance - Clearance**

Commercial Insurance - Clearance is an application which reduces the conflicts for report creation to search across lines. Everything is coming through single system eliminates that need. Less time required for conflict resolution. No longer need to wait for daily conflict report to be produced and delivered.

**Responsibilities**

* Developed the UI components using Prime faces 3.5, XHTML, JavaScript, JSON and AJAX, CSS.
* Worked with Spring 3.0 AOP as the binding framework.
* Used JSF 2.0, Spring-MVC, Spring core and tab-libraries.
* Working with XML parsers with dom4j and JAXB for the conversion of java objects.
* Used DB2 as the database and developed PL/SQL programs for reporting.
* Used Eclipse Platform as the IDE.
* Used SVN to control the source code and versions of the code.
* Used MAVEN as build tool to decrease complexity in building process (POM).
* Used Agile/Scrum and Test Driven Development (TDD) methodologies

**Environment**: J2EE, Java, JSF2.0, JPA, JavaScript, JSON, XHTML, JQuery, DB2, SVN, SOAP, WSDL, WebSphere App Server, Log4j.

**Client Name: Sabre Holdings Apr 13 – Jun 14**

**Location: Southlake, TX**

**Role: Senior Developer**

**Project Name: TBAM-Loyalty**

**Description:** Travel Bank is mechanism to refund non-refundable fares to an account for future use of an airline ticket. Sabre host calculates and deposits refunds to Travel Bank. It has the ability for the corporate or individual account owner to use the funds in their Travel Bank account to make full or partial payment on future ticket purchases. AMS gives the features for airline agencies to make the activities related to ticket purchases and refunds. Travel Bank and Agency Management has been implemented for multiple airlines like Virgin America, Virgin Australia, JetBlue, WestJet, Kulula, Bearskin, Aeroflot and many other airlines across the world. Travel Agencies use the AMS application in order to process the tickets and commissions

**Responsibilities**

* Responsible for gathering business requirements, writing technical specifications.
* Developed the UI components using Prime faces 3.5, XHTML, JavaScript, JSON and AJAX, CSS.
* Worked with Spring 3.0 AOP as the binding framework.
* Used JSF 2.0, Spring-MVC, Spring core and tab-libraries.
* Designed and developed the core backend business logic and used form manager for highly interactive CRUD functions.
* DOM manipulation, MVC, Designing Layouts, Form and Data management, validation, Data Stores using dojo framework.
* Developed and exposed/consumed Web Services using Json Rest and request.
* Used Cache-burst to control the blocks of memory for complete utilization.
* Worked with parsers for the conversion of various kinds of data to JS-objects.
* Used Oracle 11g as the database and developed PL/SQL programs for reporting.
* Used Eclipse Platform as the IDE.
* Used Fire Bug as debugging tool.
* Used Rational Rose to design the Architecture and base components.
* Used Agile/Scrum and Test Driven Development (TDD) methodologies.
* Deployed the system into the production environment.
* Product Support and Maintenance.

**Environment**: J2EE, Java, JSP2.0, EJB, JDBC, JSF, Struts, Hibernate, JPA, JavaScript, JSON, HTML, DHTML, AJAX, JQuery, Weblogic Platform 4 (EBCC, Web flow), Web-Sphere 7, DB2, UDB, Weblogic Workshop 10, SVN, SLF4j, Solaris

**Client Name: Gexa Energy,**

**Location: Houston, TX Jan 12 – Apr 13**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Developed an order processing system primarily using HTML, CSS, and jQuery, DOJO and Bootstrap.
* Developed Order Processing System for managing and processing orders placed by individuals or businesses.
* Experience in using saas with CSS3 for designing purpose.
* Responsible for gathering business requirements, writing technical specifications.
* Developed the UI components using Prime faces 3.5, XHTML, JavaScript, JSON and AJAX, CSS.
* Worked with Spring 3.0 AOP as the binding framework.
* Used JSF 2.0, Spring-MVC, Spring core and tab-libraries.
* Initiated and developed proof of concept of responsive web design for demonstration to the clients.
* Used Bootstrap to develop UI with responsive design.
* Authored REST based Web API wrappers to integrate with conventional Web Services.
* Developed Web API using NodeJS and hosted on multiple load balanced API instances.
* Started using Selenium web driver to automate UI tests.
* Used Fire Bug for JavaScript Unit Tests.
* Cross browser testing in IE, Mozilla and Chrome.
* Setup agile iteration, product life cycle and had daily scrum meetings.
* Used SVN for source control.

**Environment:** HTML5, SAAS, CSS3, JQuery, DOJO, JSON, Bootstrap, Eclipse, SVN, Firebug, JIRA for Agile development.

**Client Name: Dish Network,**

**Location: CO Aug 10 – Jan 12**

**Role: Java Developer**

**Responsibilities:**

* Preparation of Technical Specs using UML including class diagrams, sequence diagrams.
* Designed, developed, and deployed server side Java, Servlets, and Java server pages (JSPs) for browser based conference software. Implemented Form classes, Action classes for the entire application domain module using Struts framework.
* Developed advanced Java Script modules such as capture visitor information, browser version, button animation, timing object. Extensively used JSTL tag libraries.
* Used Session beans to implement Session façade design pattern.
* Involved in developing SOA Web Services using XML and SOAP.
* Designed the database and also modelled the database.
* Developed the applications using WebLogic to create the transactional business logic like JSP of a WebLogic Application.
* Involved in the developing of ANT build script and deployment in WebLogic 9.2.
* Advanced search functionality to retrieve Business/Residence customer information Using java, JSP, Servlets, SQL, Oracle, JavaScript, DHTML, CSS.
* Extensively used PL/SQL for writing queries and Stored Procedures in Oracle Database.
* Designed and developed SQL Queries.
* Used JUnit and Struts Test cases for testing the application modules.Used **CVS** for version control.

**Environment:** J2EE, JDK 1.5, JSP 2.0, Servlets, Java Script, Hibernate 3.0, Apache Tomcat, Toad, Oracle 9i, PL/SQL, Log4j, XML, HTML 4.0, CVS, JBoss 4.2, JUnit 4.0, Soap, Web services, WebLogic Application Server 9.2, Eclipse IDE, Windows XP.

**Client Name: WOOFWARE Effigent**

**Location: India March 09 – Aug 10  
Role:**  **Java/J2EE Developer**

**Responsibilities:**

* Preparation of Technical Specs using UML including class diagrams, sequence diagrams.
* Designed, developed, and deployed server side Java, Servlets, and Java server pages (JSPs) for browser based conference software. Implemented Form classes, Action classes for the entire application domain module using Struts framework.
* Developed advanced Java Script modules such as capture visitor information, browser version, button animation, timing object. Extensively used JSTL tag libraries.
* Used Session beans to implement Session façade design pattern.
* Involved in developing SOA Web Services using XML and SOAP.
* Design patterns are extensively used to achieve clean separation of different layers. Used different patterns like SOA, MVC pattern, DAO pattern, and singleton.
* Implemented Eclipse SDO framework to create mapping for SOAP request to POJO’s.
* Designed and integrated the full scale Spring / Hibernate persistence solution with the application architectures.
* Building application EAR and deployed into WebLogic Application server on multiple environments (Development, QA, UAT etc).
* Designed the database and also modelled the database.
* Developed the applications using WebLogic to create the transactional business logic like JSP of a WebLogic Application.
* Involved in the developing of ANT build script and deployment in WebLogic 9.2.
* Advanced search functionality to retrieve Business/Residence customer information Using java, JSP, Servlets, SQL, Oracle, JavaScript, DHTML, CSS.
* Extensively used PL/SQL for writing queries and Stored Procedures in Oracle Database.
* Designed and developed SQL Queries.
* Used JUnit and Struts Test cases for testing the application modules. Used CVS for version control.

**Environment:** J2EE, Java, JSP, EJB, JDBC, JSF, Struts, Hibernate, JPA, JavaScript, JQuery, DOJO, JSON, HTML, CSS, Oracle Real Time Studio, Apache, Axis, SOAP, WSDL, REST, JAX-RPC, Weblogic Portal 10.2, Weblogic Server 10, Weblogic Workshop 10, Oracle , CVS, SVN, Linux

**Education:** Bachelor of Engineering, India**.**