**Vinod Kumar Uppu Sr. Software Developer** [uppu.vinodkumar@gmail.com](mailto:uppu.vinodkumar@gmail.com) Phone: 91 9573989919

Professional Summary

* 8.9 years of experience in the IT domain with excellent team management capabilities and international exposure with extensive experience in the areas – **Agile Software Development, Requirements Gathering, Analysis, Detail Design, Development, Implementation, Testing, Documentation & Maintenance** of Applications in Client/Server and Web Environment.
* Extensive exposure in Oracle ADF 12C, J2SE, J2EE, JavaScript, PHP, Spring, Hibernate, Spring Boot, Databases, Web & Application Servers and Operating Systems.
* Passionate about delivering outstanding Business-results through creative combination of Business-Strategy and Technology.
* Superior Communication and Strong Leadership, analytical thinking and problem solving skills.
* Possess excellent interpersonal, communication and organizational skills with proven abilities in Team management, Customer relationship management and Planning.

**Work Experience:**

Company Name : Triniti Advanced Software Labs Private Limited. [May 24th 2012 – Till Date]

Designation : Lead Member Technical Staff [June 2016 – Till Date]

**Skills**

* Java and JEE Technologies – Java SE, JDBC, Servlets, JSP.
* Frameworks – Oracle ADF 12C, Spring, Hibernate, Spring Boot, Spring Cloud.
* Web Technologies – HTML, JavaScript, CSS, PHP.
* JavaScript libraries – jQuery, React, Oracle JET.
* Data Bases – Oracle, PostgreSQL, MySQL.
* Data Base Technologies – Oracle PL/SQL.
* Web Servers – Apache Tomcat, Apache Web server (PHP).
* Application Servers – Glassfish, Oracle Weblogic.
* Version Control – CVS, SVN, GIT.
* Ticket Management Tools – JIRA, Kunagi, Service Now.
* Apache Tools – Ant, Log4j, POI.
* Unit Testing – JUnit and PHPUnit.
* Continuous Integration – Jenkins, SonarQube.
* IDE – Eclipse, JDeveloper, MS Visual Studio, Visual Code.
* ETL Tools – Pentaho ETL.
* Reporting Tools – Pentaho Report tool & BI server
* Database Tools – SQL Developer, PLSQL Developer, MySQL Workbench and PgAdmin
* Operating Systems – Windows, Ubuntu, Linux.
* Container Framework – kubernetes

**Professional Experience:**

**Project: eWorksheet Analytics July 2020 – Till Date**

**C**lients**:**

* Oriental Insurance, Ramoji Film City

**E**nvironment:

* OS on Server - Linux, Windows
* Application/Web Server – Oracle Web logic and glassfish
* Database – Oracle & PostgreSQL
* IDE – jDeveloper 12c, Visual Studio
* Version control - SVN
* Continuous Integration Server – Jenkins

Technologies:

* Oracle ADF 12c, Java, Spring Boot, Spring Cloud, JavaScript, Oracle JET and SQL

Description:

* eWorksheet Analytics provides visual representation of data using Oracle JET components.
* Provides a GUI for the users to create a dashboards by using the query.
* Provides a hierarchical representation of data in the form of drilldown charts.

**R**ole**:** Team Lead

**R**esponsibilities**:**

* Project planning, Sprint planning and resource management.
* Created a services using spring boot for Authentication service, Graph configuration service, Graph data retrieving service.
* Used Eureka server discovery and Eureka client for service discovery.
* Used Feign client ribbon for communicating with micro services.
* Created a user interface for creating dashboards using oracle JET components
* Created a user interface for previewing the dashboards with the actual data with different chart types.
* Implemented the all the supporting chart types by Oracle JET
* Development and deployment of applications to DEV, TEST and PROD instances.
* Do code reviews for the team.

**P**roject**: Contact Management Form March 2020 – June 2020**

**E**nvironment:

* Deployed on Google Cloud Kubernetes Engine
* Application/Web Server – Tomcat
* Database – MySQL
* IDE – Eclipse, Visual Studio
* Version control - SVN

Technologies:

* Spring Boot, Spring Security, React js, Thyme leaf, Hibernate.

Description:

* A web page developed to place in company site to capture the leads information.
* To make the web page and services available all the time it is deployed in Google cloud Kubernetes cluster with replicas of services.
* Used Kubernetes Objects – Deployment, Service, Persistent Volume and Persistent Volume Claim.

**P**roject**: HTML Property Sheet March 2019 – Till Date**

**C**lients**:**

* Aurobindo Pharma

**E**nvironment:

* OS on Server - Linux, Windows
* Application/Web Server – Oracle Web logic and glassfish
* Database – Oracle & PostgreSQL
* IDE – jDeveloper 12c
* Version control - SVN
* Continuous Integration Server – Jenkins

Technologies:

* Oracle ADF 12c, Java, JavaScript, Joint.js, React.js and SQL

Description:

* Property sheet application builds a user interface screens from java POJO classes
* This project is to convert the existing applications, workflows & workflow instance creation screens which were developed using java swings into rich web UI interface using Oracle ADF faces and business components.
* To use java screens users must have JRE installed in their machines. With HTML screens, applications, workflows and workflow instances can be created without having JRE installed.

**Role:** Team Lead

**R**esponsibilities**:**

* Project planning, Sprint planning and resource management.
* Do the code reviews for team.
* Identify the scope of performance improvement and user experience issues.
* Development and deployment of applications to TEST, DEV and PROD instances.
* Do Unit testing, Impact testing and Regression testing.
* Publish release notes after production deployment.
* Used ADF JavaScript API for client side scripting.
* Overridden the life cycle methods of view object to integrate with existing legacy application APIs.
* Used joint js API to draw the workflows.
* Used React js to design user interface forms.
* Used ant scripts and Jenkins jobs for continuous integration.

**P**roject**: HTML eWorksheet March 2017 – February 2019**

**C**lients**:**

* TIMES Institute, Oriental Insurance, Ramoji Film City

**E**nvironment:

* OS on Server - Linux, Windows
* Application/Web Server – Oracle Web logic and glassfish
* Database – Oracle
* IDE – jDeveloper 12c
* Version control - SVN
* Continuous Integration Server – Jenkins

Technologies:

* Oracle ADF 12c, Java, RESTful Web services, Spring Boot, JavaScript and SQL

Description:

* eWorksheet is a Business Intelligence Tool with powerful and intuitive user interface designed to give non–technical users immediate access to information and ability to share, view results.
* With familiar spread-sheet format that is easy to read and understand, it can act as front end to populate complex data from multiple tables, so that user can analyze and edit the information that he is seeing without being aware of the complexity.
* Transform the existing eWorksheet application user interface which was developed using java swings and applets into rich web interface using Oracle ADF faces and business components.
* With this project, users can access eWorksheets without having JRE installed in their machines.
* With ADF Desktop Integration, provided excel worksheets to view and update the live data.

**R**ole**:** Team Lead

**R**esponsibilities**:**

* Project planning, Sprint planning and resource management.
* Gather requirements from users and design solutions.
* Do the code reviews for team.
* Identify the scope of performance improvement and user experience issues.
* Development and deployment of applications to TEST, DEV and PROD instances.
* Do Unit testing, Impact testing and Regression testing.
* Publish release notes after production deployment.
* Used ADF JavaScript API for client side scripting.
* Overridden the life cycle methods of view object to integrate with existing legacy application APIs.
* Tuned the SQLs used in entity objects.
* Used gzip compression to improve the ADF page loading performance.
* Implemented ADF skinning and integrated with font awesome/material icons for improved look and feel.
* Used ant scripts and Jenkins jobs for continuous integration.
* Tune the glassfish server settings
* Tune the JVM parameters settings to improve the performance of application
* Analyze thread dump and heap dump to find the memory leaks

**P**roject**: Manufacturing Execution System - LOT Traceability May 2014 – January 2017**

**C**lients:

* Sunpower Philippines Manufacturing Ltd

**E**nvironment:

* OS on Server - Linux, Windows.
* Application/Web Server - Apache.
* Databases – Oracle & MySQL.
* IDE - Eclipse JEE
* Reporting Tool – Pentaho report designer and Penatho BI Server.
* ETL Tool – Pentaho Data Integration.
* Version Control - GIT
* Continuous Integration Server – Jenkins

Technologies:

* PHP, VB.net, SQL, PL/SQL, HTML, jQuery and JavaScript.

Description:

* Convert the quantity based MES to LOT based MES.
* Provide the LOT based tracking for the raw material used in manufacturing process.
* Enables the LOT based tracking for the scraps, WIP adjustments, WIP withdrawal transactions at each equipment.
* Address the gap with the inventory discrepancies.

**R**esponsibilities:

* Analyze and understand detailed business requirements.
* Working with clients to define the scope of a project.
* Provide software solutions, develop, testing and documentation.
* Organizing training for users and other consultants.
* Helping clients with change-management activities.
* Coordinate and collaborate workflow processes and issues in designing, programming and testing.
* Improved the performance of application by using cache systems and tuning the webserver settings.
* Did application profiling and identified the code which needs improvement.
* Reduced the CPU usage of oracle database using table partition, materialized views, result cache, PL/SQL blocks and table indexes.
* Configured reports using Pentaho reporting tool.
* Configured ETL jobs to transfer the data from one database instance to other database instance for reporting.
* Draw the sequence and flow charts using Microsoft Visio.

**P**roject: **Indirect Material Consumption (IDM) December 2013 – April 2014**

**C**lients:

* Sunpower Philippines Manufacturing Ltd

**E**nvironment:

* OS on Server - Windows.
* Application/Web Server - Apache Tomcat with JDK 6.
* Databases – Oracle.
* IDE - Eclipse JEE.
* Version Control - CVS
* Reporting Tool - Pentaho Report designer, Pentaho Data Integration and Pentaho BI Server.

**T**echnologies:

* Java/J2EE, JSP, JQGRID, JQuery, AJAX and HTML
* Oracle 10g.

**D**escription:

* Capture the indirect material usage across all lines of Sunpower Manufacturing Labs.
* Configure the reports on the captured data to compare actual versus planned usage.

**R**esponsibilities**:**

* Working with Business team to gather requirements.
* End user training on the usage of reports.
* Designing and development for the requirements.
* Reports configuration.
* Responsible for issue fixing and patch release.

**P**roject: **Statement of Work (SOW) Integration with Goggle Drive September 2013 – December 2013**

**E**nvironment:

* OS on Server - Linux, Windows.
* Application/Web Server - Apache Tomcat with JDK 6.
* Version Control - CVS
* Databases – Oracle
* IDE - Eclipse JEE

**T**echnologies:

* Java/J2EE, JSP, Servlets, Google Drive API, Google Apps Script API, Google Html Service API,
* Google UI Service API, Oracle.

**D**escription:

* Making Structure data from Google document.
* Integrating with Triniti Application Builder (Triniti Product) workflow.

**R**esponsibilities:

* Working with Administration and Finance to gather requirements.
* Solution Architect.
* Responsible for issue fixing and patch release.

**P**roduct: **eDapter Toolkit (ETK) June 2012 – August 2013**

**C**lients:

* Peregrine Semiconductor, Power Integration

**E**nvironment:

* OS on Server - Linux, Windows, Ubuntu.
* Application/Web Server - Apache Tomcat with JDK 6.
* Databases - Oracle.
* IDE - Eclipse JEE

Technologies:

* Java SWINGS, Servlets, XML, PL/SQL.

Description:

* The eDapter Toolkit is a data transfer tool used to transfer data from one database system to another database system. It can also be used within a single database system, between tables.
* The toolkit is developed in Java and enables the building of fast interfaces. A graphical user interface is used by the eDapter Toolkit to build the code which eliminates the ongoing maintenance of code. The interface is created through configuration rather than programming.
* The toolkit generates code for two main processes involved in the data transfer, Extraction, Subscription. The eDapter Toolkit is versatile and easy to use.

**R**esponsibilities:

* As a programmer involved in major enhancements of the product.
* Provided documentation and user training material & videos.
* Created a test scripts for automation testing.

**Scholastic Record**

* Bachelors in Electronics and Communication Engineeringfrom Jawaharlal Nehru Technological University Kakinada with an aggregate of 82%.