**Manasa Nimmagadda**

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**512-410-1472**

**EXECUTIVE SUMMARY**

Result driven, self-motivated developer with in depth, technical knowledge of key activities of Software Development Life Cycle (SDLC) from requirement review and analysis to implementation; design solutions based upon business requirements and user specification. Leverage expertise in Oracle technologies and good working knowledge of data structures, relational and non-relational databases, networking, Linux internals, file systems, web architecture. Identify and provide recommendations for continuous improvements with a pragmatic approach to problem solving. Possess excellent communication, strong work ethic, and able to perform within condensed timeframes. Good Knowledge of deploying micro- services in Dev space and higher environment. Experience in REST based web service development.

Areas of Expertise

* Software/web development • End user support • Creative critical thinking
* Project management • Programming codes/languages • Communication skills

• Object-oriented programming • Multitasking/detail oriented • Continuous process improvement

Technical Skills

* *Programming languages*: C, C++,Java, JavaScript, jQuery, HTML, CSS, PHP
* *Microsoft office*: Excel, Word, PowerPoint, Yammer, Project
* *Standards and Frameworks*: Spring, Spring Boot, Hibernate, Maven, XML, JSON, JDBC, JQUERY, Struts
* *Application/Web Servers*: Tomcat, HTTP Server
* *Database management*: MySQL, Microsoft SQL server
* *Core Java concepts*: Collections, Multithreading, Serialization, Exception Handling
* *Operating system*: Windows, Linux, Mac
* *Software Project Management Methodologies*: Agile, Scrum, Waterfall model

Professional Experience

**Programmer Analyst Apr. 2018-Present**

**Zimmer Biomet Warsaw, Indiana**

*Own the development of an application called CTMS for managing Clinical Data, achieving 60% improvement in the performance using various query optimization;*

* Develop a web application based on Java Spring framework; create new functionalities and improve the existing ones.
* Oversee all aspects of the product development lifecycle; design, plan, implement, develop, test and report changes based on business areas' needs and specifications.
* Generate PDF automatically from the CTMS using document 4j, apache pdf box while creating e-signatures.
* Recommend measures that improved work process methods, equipment performance, and quality of product; and track resolutions for all known data integrity errors.

**Programmer Analyst Oct. 2017-Apr. 2018**

**Flexera Global, Inc. Houston, Texas**

*Integrated PACS server with existing web application, monitored development progress and tracked production issues using JIRA;*

* Led offshore team to maintain online web portals using HTML5, CSS3, PHP, Bootstrap and MySQL, connecting business partners with applications.
* Designed and developed wrapper library in C++ for new modules and worked on software development using C++ on the LINUX platform.
* Successfully executed the project in Agile Kanban environment using Trello.
* Assisted in the preparation of country wise Architectural models for new websites based on the company standards and country laws.

**Java Developer Apr. 2017-Sept. 2017**

**InfoSoft, Inc. Kansas City, Kansas**

*Developed an application that can access all the existing features for client’s internal and external customers;*

* Managed services using Oracle ADF based on MVC design pattern, ADF Faces, JSP, JSF, HTML, Swing, JavaBeans, and Web Services; and implemented Google Analytics to track the user navigation.
* Implemented an automated alert sender to inform the client’s personal account owners when there is forced access to the features in parental control, reducing daily errors by 75%.
* Customized Content Delivery Server, creating the content developers accounts, managing subscribers and adding content types according to the client’s requirements.
* Effectively analyzed the test cases and prepared design documents.

**Java Developer Aug. 2013-Dec. 2014**

**Speech Soft Solutions. Hyderabad, India**

*Developed a working model of the candle sticks data in a recurring neural network;*

* Worked on gathering requirements and developing a working architecture to deploy
* Worked on generating sequence and data flow diagrams using UML
* Worked with NoSQL database programming – MongoDB
* Involved in creating batches and training the data set
* Visualized the tensor flow on tensor board
* Plotted graphs created by the tensors

**Java Developer**

**Clematis Technology Solutions, India Mar.2012-April.2013**

*Involved in various phases of Software Development Life Cycle (SDLC), including requirement gathering, modeling, analysis, developing and testing*

* Developed Single Page Applications (SPA) using **AngularJS, Typescript, HTML5, and CSS3**.
* Developed complex nested components for reuse such as Pop-Up Navigation
* Applied CSS3 for responsive web pages
* Developed server side application to interact with the database using **Spring Boot** and Hibernate
* Implemented **micro-services** using Spring boot.
* Wrote unit cases for controllers, filters and services using Karma

**ACADEMIC PROJECTS:**

**Developed Video Game CPLAY2 Jan. 2016-May 2016**

*Designed and developed a new video game on Unity Game Engine to improve hand-eye coordination abilities for Cerebral palsy affected people;*

* Worked on generating sequence and data flow diagrams using UML.
* Developed the Game UI using standard assets.
* Implemented Google Charts API to represent visual information
* Prepared written complex SQL Queries that performed operations with the database.

**Developed android based application (Tutor Point) Aug. 2016-Dec. 2016**

*Developed an Android based application that helped registered users find the tutoring services of their choice under Agile and Scrum Methodologies;*

* Developed application on Android Studio, the IDE platform used was Eclipse while the UI of the application was developed using HTML, CSS and JavaScript.
* Actively participated in Daily Stand Ups, Sprint meetings and Sprint Retrospectives, as well as in feasibility and estimation meetings, exhibiting broad understanding of the entire project scope.
* Designed and developed tables in the database (MySQL) that stored and retrieved information by the user.
* Prepared burn-up and burn-down charts for the whole project.

Educational Qualification

* **Master of Science, Computer Science and Engineering Jan. 2015-Dec. 2016**

University of Texas at Arlington (UTA), Arlington, Texas