**HARISH KOLLA**

[**https://www.linkedin.com/in/harish-kolla/**](https://www.linkedin.com/in/harish-kolla/) **+1 (816) 217- 8000 /** [**harish.kolla533@gmail.com**](mailto:harish.kolla533@gmail.com)

**Experience summary**

* Having 2 years of experience in **Software Application Development and Maintenance.**
* Hands on Experience on implementing the Opinionated approach applications using **Spring Boot, Spring micro services.**
* Experience in the development of web applications using **MVC Frameworks (Spring MVC).**
* Experience in the development Data Access of web applications using **ORM Frameworks (Hibernate, JPA).**
* Experience in working with client scripting languages HTML, HTML5, **JavaScript,** **jQuery and CSS3** including special handling of various browsers like IE, Netscape and Mozilla.
* Expertise in implementing **CSS** frameworks such as **Bootstrap** and developing it according to client requirements.
* Hands on experience in working in Scrum **Agile** model.
* Worked on Relational Database Management Systems as **Oracle, MySQL and SQL Server.**
* Expert in writing complex SQL queries.
* Experience in implementing the **Structural, Behavioral and Architectural design patterns.**
* Experience in using Integrated Development Environment like **Eclipse.**
* Hands on experience on repositories such as **Tortoise Mercurial Hg, GIT, Tortoise SVN.**
* Used **AJAX** to retrieve the JSON data from the server side.
* Hands on experience on application build tools such as **ANT, Maven.**
* Experience on deploying the applications in the Application servers like **Tomcat7, WebLogic10, Jboss7.**
* Expertise on writing unit test cases using Junit framework with mocking frameworks such as **Mockito**, **Power Mock**. Proficient in Code review tools and Code quality tools such as **findBugs.**
* Experience in administering and maintaining various platforms: Windows Server 2000 and 2003 and Linux.
* Strong problem-solving, organizing, communication and planning skills, with ability to work in team environment.
* Good written and oral communication skills and Interpersonal skills with a strong ability to excel through collaboration with team members.

**Technical Skills:**

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| **Languages** | Java, C, Python. |
| **Frameworks** | Spring MVC, Spring Boot, Hibernate, JPA, Marvin |
| **Operating system** | Windows, Unix and Linux |
| **Web Technologies** | HTML5/HTML, CSS3, JavaScript, jQuery, JSON, AJAX, XML,Bootstrap. |
| **Development Tools** | Eclipse, Github, Jenkins, Zenhub, JIRA, Visual Studio 2012, Oracle NetBeans, Microsoft Office, SQL Server, SVN, Visio, Creatly, Android Studio, Notepad++, Web Storm, IntelliJ |
| **Big Data Technologies** | Apache Spark |
| **Database Systems** | Oracle 10g, MySQL, SQL. |
| **Version Control** | SVN, GIT. |

**Work experience at Cybage Software pvt ltd(**[**www.cybage.com**](http://www.cybage.com)**)**

**Project:** **GSenLogic** **July 2014 - June 2016**

**Client:** Gemalto

**Technologies:** Java 1.6, Spring3 (MVC, IOC, ORM, Security, AOP Transactions), Hibernate3.6, JAX-RS2.0 Restful Web Services (Jersey Implementation), JMS (apache ActiveMQ), JavaScript, Tomcat Server, Jenkins.

**Description:** GSensorLogic is a Gemalto Product, intended to provide a generic back-end web-based service for querying and viewing GPS related data from the GPS devices and on the server-side platform development to Capturing the raw data coming from the Device and translate it into Device Command Objects which latter persist in the Database to provide the tracking information and widgets.

**Responsibilities:**

* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Certifying the devices to fit in the Sensor Logic Platform Integrated.
* Implementing the functionality to establish the Device to Server platform communication.
* Implementing the functionality to establish the communication from server to the devices.
* Implementing the functionality to generate the Server ACK for the device to ensure that the device message is received by the server.
* Writing Junit test cases for the unit testing of the functionality.
* Writing JMeter Scripts for simulating the data from the device to the server platform.

**Academic Projects:**

**Medicine Alert Reminder System:** (Android Studio, Java, JavaScript, Git)  **Aug 2017-Dec 2017**

Developed an android application which will be able to alert and record medicine consumption date,

time and accordingly manage inventory. Develop an application which will schedule the medicines to be taken. Image-to-text API is used in order to take picture and detect medicine to convert it into text so that it can be used to retrieve information about the medicine.

**Analysis on banking system using Spark and Twitter data**(Apache spark, Python, D3.js)

**Aug 2016- Dec 2016**

Developed a web application which draws insights from the data available on Twitter based on the tweets posted by banks and their users. As banks find Twitter as an indispensable tool for communication, so data is collected from Twitter using Twitter API and data analysis is done using Spark SQL queries and results are visualized through D3.js.

**Education:**

**University Of Missouri Kansas City** Kansas City, MO **August 2016- Present**

*Master of Science in Computer Science* **GPA: 3.6**

* Relevant Coursework: Advanced Software Engineering, Network Architecture, Cryptology, Principles of Big Data, Software Methods and Tools, Object-Oriented Design and Development, Parallel Algorithms, Information Security and Assurance and Design and Analysis of Algorithms.

**Osmania University** Hyderabad, India **May 2010-June 2014** *Bachelor of Engineering in Computer science and Engineering* **GPA: 3.8**

* Relevant Coursework: Software Engineering, Operating Systems, Computer Networks, Internet Protocols, Discrete Structures, Programming in C, C++ and Java and Web development.

**Certifications:**

* Sun Certified Programmer for JAVA platform (SCJP).