**AKHILA THOTAKURA**

Hyattsville, MD (**Willing to relocate 100%**) | 315-925-1382|athotakura@inovalon.com

***EDUCATION***

**M.S., Computer Science Engineering. GPA: 3.3** University of Missouri Kansas City, Missouri, MO (Aug 2014-Dec 2015)

**Bachelor of Technology, Computer Science and Engineering, GPA: 3.4**

VR Siddhartha Engineering College, Vijayawada, India (Aug 2010-May 2014)

***COURSEWORK***

**Masters:** Advanced Software Engineering, Object Oriented Programming, Design and Analysis of Algorithms, Cloud Computing, Network Architecture, Big Data analytics, cryptography, Web Applications, Human Computer Interface.

**Undergraduate:** Design of Algorithms, Computer Networks, Software Engineering, Data Mining, Web Technologies

***TECHNICAL SKILLS***

**Languages**: C++, Java, C#

**Operating Systems**: Windows, Linux, Android.

**Java Technologies**: JDBC, Servlets, Spring, Hibernate, JSP, HTML5, CSS, JavaScript, Angular JS.

**Software**: MySQL, MS Visual Studio, NetBeans, Eclipse, Tomcat.

***PROFESSIONAL EXPERIENCE***

***Software Developer, INOVALON, Bowie, MD*** *(Mar 2016- Till Now)*

**Metric Center (Java**, **Spring MVC, Postgres SQL, SQL Server 2012, Apache Tomcat, Hibernate, Tableau JavaScript API, Restful Web services, JQuery):**

* Built a spring MVC based web application to enable CRUD operations on SQL Server and facilitate keying in data using forms.
* Developed restful web services to launch JMeter load tests and Selenium scripts on remote machines and used CRON job scheduler to schedule the tests.
* Used HTML 5, CSS, JQuery, Bootstrap in designing key in forms.
* Embedded Tableau workbooks into webpages using Tableau JavaScript API.

**Data Diagnostics (Selenium, SOAP UI, Java, JMeter):**

* Designed Automation test scripts for web pages using Selenium Web driver and developed syntactic trace project for complete functional web automation using java and Selenium.
* Designed Automation test scripts for SOAP and REST Web services and developed Groovy Scripts, created assertions for validating the response and created custom reports for populating the results in SOAP UI.
* Developed JMeter test scripts to perform load testing by generating input from database and parsing the results for input.
* Used Jenkins for Continuous Integration (CI) .

***Device Testing Intern, Samsung, Overland Park, MO*** *(May 2015- Aug 2015)*

* Worked on Testing Mobile Devices.
* Performed Chameleon Testing, drive test, 3G hand down test, LTE test.

***ACADEMIC PROJECTS***

**Big Data tool to Extract, Store and visualize streamed Twitter Data using IBM big insights platform (Java):**

* Developed a tool to extract tweets using twitter API, storing them in Hadoop File system using Java, posing

analytical queries using JAQL.

* Visualized the results using JavaScript, JQuery and Google maps API.

**Mercado – Online Platform for Farmers and Customers (C#.NET, Rest Web Services, Soap Web Services, SQL Server 2008):**

* Created online website for farmers to post their products, give deals to customers, share their updates in Facebook and get nearby markets and directions.
* For customers they can view the products posted by farmers, provide feedback to farmers and view reviews of farmers, get directions to markets and provided services to get products based on category, best price for product and weather updates.

**Centralized & Decentralized P2P System (Java, Swing):**

* Developed a centralized and decentralized P2P system for downloading files.
* In centralized P2P system developed a front End Design application using Java Swings for Clients and Server.
* In Decentralized System each peer itself is both client/server. Developed a front end design using Java swings. And developed features like query a file, download file from other peers, ping status for peer, list of neighbors for peer, download statistics of peers.

***ACHEIVEMENTS AND ACTIVITIES***

* Chief-Coordinator for Annual Festival of Siddhartha Engineering College (AFOSEC): biggest college event in the state (Feb 2012, 2013, 2014).
* Volunteer in National Social Service, June 2011-May 2014.