

# Venkata Sai Raja Bharath Vadlamannati Lakshmi

SOFTWARE ENGINEER

SACRAMENTO, CA, USA



## SUMMARY

Full stack developer with in-depth experience in design and development of high performance web/ mobile applications with strong focus on code quality, UI/UX and software development best practices. Deep understanding of object oriented programming principles with hands on experience on various programming languages and technologies. Also experienced in database design and management of small teams of programmers, designers.

## TOOLS AND TECHNOLOGIES

PROGRAMMING LANGUAGES	C#.NET, C, C++, Java, Python 2.7 and 3
SERVER TECHNOLOGIES	ASP.NET, WCF, Node.js
CLIENT TECHNOLOGIES	HTML, XML, JavaScript, JQuery, Angular 2/4, PHP
WEB SERVERS	IIS, AWS
ARCHITECTURE/ DESIGNING TOOLS	IBM Rational Rose, Microsoft Visio, Mind-Miester
RDBMS	SQL Server 2005/2008/2012 R2, MySQL
TOOLS AND PACKAGES	Visual Studio Code, Visual Studio 2010, Visual Studio 2012, MS Office, Android Studio, XCode 8, Tortoise SVN, Microsoft TFS, Node-Red, MEAN Stack, Ionic & Cordova, Apache Hadoop, Apache Spark, Neo4j, JIRA, MiesterTask, ML using Tensor Flow, PyQT 5

## EXPERIENCE

<b>Software Engineer</b> MustMotivate Inc Folsom, CA, USA June 2018-Present	<b>MEAN Stack (Mongo, Express, Angular, Node) EOS IO Blockchain, AWS</b> Implementation of a website using MEAN stack and the development involves Angular, Ionic & Cordova, AWS with an efficient code structure on all platforms.  Implementation of MustMotivate's own blockchain based on EOSIO with major concentration on its development, ICO (Pre and Post launch) and technical writing i.e. the white paper of the token.
<b>Software Engineer Intern</b> MustMotivate Inc Folsom, CA, USA January 2017-May 2018	<b>MEAN Stack (Mongo, Express, Angular, Node) Ionic &amp; Cordova, AWS</b> Implementation of a website using MEAN stack and the development involves Angular, Ionic & Cordova, AWS with an efficient code structure on all platforms. Completely built based on market research to improve UI/UX in regular intervals
<b>Graduate Research Assistant</b> STORC, California State University, Sacramento Sacramento, CA, USA October 2016 - Present	<b>Internet of Things, Node-Red, Node.js, C++, Raspberry-pi, Arduino</b> Assist the funded research program activities of our departmental research effort called as "STORC" led by Dean Dr. L.M. Smith dealing with technological and scientific research on sustainable technologies with Internet of Things using Raspberry-pis' and Arduinos, Node-Red and Node.js, and Data Visualization
<b>Consultant</b> Alliance Global Services IT India Pvt. Ltd Hyderabad, India April 2013 - January 2016	<b>ASP .NET, SQL Server, MVC4, SSIS, SSRS, Web API, IOS and Android</b> Ownership of the project plan, review, design, development, performance analysis, testing and deployment of simple to more complex software systems for projects like CardioNet and AHM which are developed using C# (ASP.NET and MVC 4), Java and C  Monitoring, reporting, offsite and on-site support of Cardionet and AHM projects .  SSIS and SSRS, SQL schema development

## EDUCATION

January 2016 - December 2018	MS Computer Science, California State University, Sacramento, CA USA
October 2009 - May 2013	B.Tech Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad, AP INDIA

## ACADEMIC PROJECTS

### **Active rules for graph databases** (May 2017 - Present)

-This is being done as a masters project for graduate degree  
-Applying Active rules to understand and simulate the active rules/ trigger functionality for Graph Databases using Neo4j. Define semantics for the rule feature in the Graph Databases using supply chain management system as the dataset and test the rules on Neo4j using a custom-built java application

**Technologies:** Neo4j, Java

### **Wi-fi p2p file transfer** (January 2016 - May 2016)

-This was done as part of my course CSC 258 Distributed Systems  
-Wi-Fi P2P File Transfer is an android application developed using Android Studio through Java and Google Web Services. It allows the file transfers, directories and management of a peer (devices) list in a Wi-Fi network using Android's Wi-Fi P2P framework

**Technologies:** Android OS Kit, Java

### **Audit Service for Cloud** (January 2013 - April 2013)

-This was done as a main project during my undergraduate course for the degree  
-Audit Service for Cloud is an efficient mechanism to reduce the audit costs per verification and implement abnormal detection timely. In this project, an efficient method was presented to select an optimal parameter value to minimize computational overheads of cloud audit services

**Technologies:** C#, ASP.NET, SQL SERVER 2005

### **My Checklist** (May 2012 - June 2012)

-This was done as a mini project during my undergraduate course for the degree  
-My Checklist is a personal organizer app. This app helps users to plan, organize and monitor the progress of all your daily tasks. It makes it easier to create and manage multiple lists of things to do. It provides an easy, fast and efficient way to manage your checklist for shopping, travelling, to do lists or anything

**Technologies:** C#, Windows Phone 7.5 SDK

## LANGUAGES

Fluency in English, Hindi and Telugu