**Arjun Ankathatti Chandrashekara**

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**Education**

**University of Missouri** Columbia, Missouri

Master of Science in Computer Science, **GPA 3.8** Graduation Date: **December 2018**

**Sri Siddhartha Institute of Technology** Tumkur, India

Bachelor of Engineering, Computer Science, **GPA 8.04/10.00** July 2010 –June 2014

**Work Experience**

**Research Assistant,** *Networking and Multimedia lab***,** University of Missouri **August 2016 – Present**

* Implemented a multi-cloud resource recommender and deployment engine for scientific applications.
* Co-author of the research paper “Recommending Resources to Cloud Applications based on Custom Templates Composition” accepted at Computing Frontier, 2017.
* Developed a Chabot using IBM Watson to help neuroscience scientist execute workflows on a cloud.

**Teaching Assistant**, *Cloud Computing & Linux Sysadmin*, University of Missouri **August 2017 – Present**

* Designed AWS and GENI networking testbed lab exercises for beginner level Cloud Computing I course.
* Evaluated homework, tests and lab work and managed course content sections via Canvas.
* Held office hours and provided students with one-on-one tutoring and regular out of class assistance.

**Database Programmer Analyst,***MU Division of IT*, Columbia, Missouri **January 2017 – June 2017**

* Designed and developed .NET based solutions using C#, ASP.NET, ASP.NET MVC following Agile software development methodology for application development.
* Developed rich UI web applications based on resource-oriented architecture using C#, HTML, JavaScript, CSS, Bootstrap

**System Engineer,** *Infosys***,** Bangalore, India **October 2014 – July 2016**

* Programmed server customizations and wrote scripts in javascript and JSP for the front end UI customizations, on a Spring MVC web application.
* Proposed and used Pentaho Spoon ETL tool for data migration and translation project, instead of writing Java code, which saved 60% of the effort and time.

**Skills**

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| * Java, JSP, Java Struts 2, Hibernate, Spring MVC, Eclipse, Maven * PHP, HTML, CSS, JQuery, Ajax, Laravel, AngularJS | * C#, ASP.NET Entity Framework, Visual Studio * SQL Server, Oracle 11g, SVN, Git |

**Academic Projects**

* Developed a self-learning evolutionary algorithm in Python to play the game of Checkers.
* Implemented an HMM model for protein structure prediction using Python 3 and NumPy.
* Designed and developed an Android app for home automation system using GPRS, which can help control the appliances over the internet from any part of the world.

**Activities and Achievements**

* Served as Technical Anchor of the project at Infosys Ltd. and was awarded Star Performer of the team.