**Arjun Ankathatti Chandrashekara**

Columbia, MO 65201 – (573) 639-3762 – [aacwb@mail.missouri.edu](mailto:aacwb@mail.missouri.edu)

**EDUCATION**

**University of Missouri** Columbia, MO

Masters, Computer Science||GPA 3.8 **Aug’16 - May’18 (Expected)**

**Sri Siddhartha Institute of Higher Education** Tumkur, India

Bachelor of Engineering, Computer Science || GPA: 8.04/10.00Aug’10 – Jun’14

**PROFESSIONAL EXPERIENCE**

**Research Assistant, MU Division of IT** Columbia | Jan’ 17 - Present

* Developing and maintaining applications built on ASP.NET using entity framework for a range of divisions across the university in a scrum based software development methodology.

**Research Assistant, Networking & Multimedia Lab** Columbia | Aug’16 – Dec’ 16

* Implemented a java web application using Struts 2 framework for distributed, heterogeneous cloud resources abstraction, solution composition & recommendation.
  + Worked as a coauthor for the research paper “Recommending Resources to Cloud Applications based on Custom Templates Composition” accepted by Computing Frontier, 2017.
* Developed a prototype for least disruptive and low cost model for video streaming by application service providers using SDN and context aware routing.
* SDN experiments are done on GENI testbed and used python for OpenFlow programming and C++ for the simulations.

**System Engineer, Infosys Pvt. Ltd** Bangalore, India | Oct’ 14 – Jul’16

* Worked on the Windchill a PDM tool customizations, wrote custom java classes on server side according to the client requirements.
* Worked on Windchill tool UI customization which involved tweaking the application presentation layer and writing external JavaScript and JSP code.
* Worked on Pentaho Spoon ETL tool for data manipulation in data migration project.

**SKILLS**

Java, C#, C++, Python, PHP, HTML, JSP, Bootstrap, JQuery, Java Struts 2, ASP.NET Entity Framework, MySQL, SQL Server, Oracle 11g, SVN, Git, Visual Studio, Eclipse, Maven

**PROJECTS**

* Developed an HMM model for protein structure prediction using python & NumPy module.
* Android app for home automation system using GPRS, which can help control the appliance over the internet from any part of the world.
* Implemented Daltonization algorithm for modifying images for color blind viewers.

**ACTIVITIES AND HONORS**

* Served as Technical Anchor of the project at Infosys Ltd and also was awarded best Performer of the team award.
* As a part of Infosys rural development taught rural kids and farmers how to use a computer and the internet.