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 for 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 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 java script 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

- 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.