

Arjun Ankathatti Chandrashekara

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Education

University of Missouri

Master of Science in Computer Science, **GPA 3.8**

Columbia, Missouri

Graduation Date: **December 2018**

Sri Siddhartha Institute of Technology

Bachelor of Engineering, Computer Science, **GPA 8.04/10.00**

Tumkur, India

July 2010 – June 2014

Work Experience

Research Assistant, *Networking and Multimedia lab*, University of Missouri

August 2016 – Present

- Implemented a KNN algorithm for multi-cloud resource recommender for scientific applications.
- Developed a Chabot using Dialogflow to help neuroscience scientist execute workflows on a cloud.
- Developed REST API end points using Python and FLASK micro framework for Dialogflow web hooking.

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#

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, Python, PHP, HTML, CSS, SASS, JavaScript, JQuery, Ajax | ▪ MongoDB, SQL Server, Oracle 11g, Git, XML and JSON REST |
| ▪ Struts 2, Laravel, React JS, Hibernate | ▪ AWS – EC2, S3, ELB, Dynamo DB |

Academic Projects

- Developed a customizable chat widget which can be embedded on any HTML page using JavaScript.
- Programmed a self-learning evolutionary algorithm in Python to play the game of Checkers.
- Developed web based online multi-player real time tic-tac-toe game using Socket.IO and React.js.
- React.js web applications like simple To-do list and online build your own burger app.

Activities, Achievements and Publications

- Served as Technical Anchor of the project at Infosys Ltd. and was awarded Star Performer of the team.
- R. Antequera, P. Calyam, A. Chandrashekara, S. Malhotra, "Recommending Resources to Cloud Applications based on Custom Templates Composition", ACM Computing Frontiers Conference, 2017.