

## SUMMARY

A master's student in Computer Science with Intelligent System as the research specialization, urging to work in a challenging environment where my skills and academics can be applied and made practical.

## EDUCATION

**University of Colorado Boulder** **Aug 2019 – May 2021 (Expected)**

- **M.S. in Computer Science**
- **Graduate Coursework:** Data Mining, Data-Center Scale Computing, Object-Oriented Analysis and Design

**M S Ramaiah Institute Of Technology** **Aug 2012 – May 2016**

- Bachelor of Engineering in Computer Science, CGPA: 9.16/10
- **Undergrad Coursework:** Design and Analysis of Algorithms, Database systems and lab, Internet Technologies, Cloud Computing, Advanced Java etc.

## LANGUAGES AND TECHNOLOGIES

- Python, Go-Lang, Java, JavaScript, MySQL, MongoDB, hadoop, C,C++ , SQL, NodeJS,HTML & CSS.
- Python Flask, Python Panda's, Go-Lang Ginkgo, Predictive modeling, Quantitative Analysis, PAAS, Cloud Computing, Docker .

## EXPERIENCE

**SAP Labs, Software Developer** **Aug 2016 - July 2019**

- Responsible for developing **SAP cloud platform** on cloudfoundry. Allowing user to create, delete and manage their instances and applications. Used technologies **java, javascript, SAPUI5**.
- Effectively Handled analysis and monitoring of all database instances on SAP cloud platform, which ensures periodic stability of VMs, Thus allowing 50% less failure. Used Technologies **Dynatrace, GOLang, Javascript, Viz charts**.
- Initiated Docker based "**Elastic Search as a Service**" in SAP Cloud Platform, By analyzing the treads of application deployed(**Log Analysis**) on SAP cloud platform providing SAP an additional service, which was recognized and rewarded.
- Developed **Web-based Terminal** for SAP cloud platform, where user can perform all Cloudfoundry cli commands or ssh into their application. **XtermJS, Websocket,Java, JSCH**
- Facilitated team by automating work environmental setup using **git** and **shell scripts**, thus allowing quicker setup with fewer errors, giving more productive time to team members.

**Cerner Corporation, Research Intern** **March 2016 - August 2016**

- Provided valuable insights form unprocessed massive excel sheets using **K-Means Clustering algorithm**, by creating web tool which depicted graphs and key values. Used Technology **python flask, Panda's, d3js**.

## TECHNICAL PROJECTS

### Academic Projects

- **Effective and Healthy Route Prediction:** An effective system that predicts the route with least air pollution by analysing automobiles gas emission levels Additionally, predicts the health benefits. (**Publication received**)
- **Github Visualization System:** Using D3JS, developed a visualization system, which Analyzes git logs of repositories and displays to trend of the project over time.
- **Firefox cheat sheet:** Firefox cheat sheet that provides Firefox keyboard shortcuts to users on **duckduckgo.com**. Currently live and accessed by millions of users. Have **open source contribution** for Mozilla firefox team.

### Personal Projects

- **shareurl.in:** ShareURL is a chrome extension which allows users to share their accounts (Netflix, Hotstar, Hulu, Facebook, etc.) with their friends and families without providing their unique password. Used **GCP** to host website and provision cloudstorage, Primarily hosted **chrome-extension** on google extension marketplace. **Python REST API server, Flask**

## ADDITIONAL EXPERIENCE AND AWARDS

SAP Innovator challenge 2018	3 <sup>rd</sup> /300
Pradarshana 16 (MSRIT final year project round)	1 <sup>st</sup> /500
UDBHAV'15 MSRIT Fest 2015	Co-Ordinator
RHOK hackathon winner 2014	1 <sup>st</sup> /35
SAP Data-Viz challenge Techniversity 2014	3 <sup>rd</sup> /200
Firefox Student Ambassador 2014	University
AceVenturur at venturesity(skillenza) 2013	10/500