# Vishwanath D Kulkarni

viku3942@colorado.edu | +1-(720) 421-3738

## EDUCATION

### UNIVERSITY OF COLORADO BOULDER
MS in Computer Science
Intelligent Systems
2019 - (expected) 2021

### M S RAMAIAH INSTITUTE OF TECHNOLOGY
BE in Computer Science
Graduated in June 2016
CGPA: 9.16/10 (3.66/4.0)

## SKILLS

### PROGRAMMING
Language:
Java • Python • C • C++• GoLang
Web Technology:
JavaScript • PHP • CSS • HTML • SAPUI5
Database:
MySQL • PostgreSQL • MongoDB
Areas of Strength:
Web Server Development, Data Analytics

## PERSONAL DEVELOPMENT

### SMART CART
Cart that eases the burden of warehouse employees because of its smart routing and ease of billing process

### FIREFOX CHEAT SHEET
Firefox cheat sheet that provides Firefox keyboard shortcuts to users on duckduckgo.com. Currently live and accessed by millions of users.

### SHARE URL
a chrome extension that allows users to share their Netflix profile with their friends and families without revealing their password (1500+ users).

## ONLINE COURSES

### USING PYTHON FOR RESEARCH
(by HarvardX)
Revised basics of python3 and gained in-depth knowledge of tools and libraries that are commonly used.

## EXPERIENCE

### SAP LABS | Software Developer
August 2016 – July 2019 | Bangalore, IN
- Developed SAP cloud platform on cloudfoundry. Allowing user to create, delete and manage their instances and applications. Used technologies java, javascript, SAPUI5.
- Provided secure "online Web-Terminal"(SSH console) for SAP Cloud Platform customers.
- Created Roles and Authorization of users in SAP Cloud Platform, handling all security and privacy features efficiently.
- Developed "Elastic Search as a Service" on SAP Cloud Platform as a POC.
- 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.
- Developed Kafka monitoring application on cloudfoundry using Docker and Burrow(linkedin open source software)

### CERNER | Software Engineering Intern
March 2016 – Aug 2016 | Bangalore, IN
- Delivered high quality software that handled huge amount of unprocessed excel data.
- Developed a graph plotting tool that provided insight from filtered excel data to Cerner billing department.

## PROJECTS

### PREVENTION AND PREDICTION OF AIR POLLUTION
Mar 2016 - Jun 2016 | Bangalore, IN
An effective system that captures automobiles gas emission levels and prevents air pollution by blocking fuel supply. Using a mesh of IOT devices, the system predicts the route with least air pollution (generated by the user's automobile) and notifies the user of this route. Publication received.

### HEALTHCARE MONITORING SYSTEM
Oct 2015 – Jan 2016 | Bangalore, IN
Using Intel Galileo Gen2, developed a monitoring system, comprising of body sensors in and around the patient, that gathers health information of a patient. This information is stored and monitored by various data analysis techniques and is accessed by a web application.

## AWARDS

| Year | Rank | Award |
|------|------|-------|
| 2018 | 3st/300 | SAP Innovator challenge 2018 |
| 2016 | 1st/500 | Pradarshana 16 (MSRIT final year project round) |
| 2014 | 1st/35 | RHOK hackathon winner |
| 2014 | 3rd/200 | SAP Data-Viz challenge Techniversity |
| 2014 | University | Firefox Student Ambassador |
| 2013 | 10/500 | AceVenturur at venturesity(skillenza) |

## EXTRACURRICULAR ACTIVITIES

| Year | Role | Organization |
|------|------|-------------|
| 2016 | Supervisor | University football association |
| 2015 | Coordinator | UDBHAV'15 MSRIT Fest |