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VISHWANATH KULKARNI

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EDUCATION

University of Colorado Boulder   **August 2019 – May 2021 (Expected)**
- **M.S. in Computer Science**, CGPA: **3.95/4**
- **Graduate Coursework:** Big Data Architecture,Data-Center Scale Computing,Design and Analysis of Algorithms, Data Mining.

M S Ramaiah Institute Of Technology   **August 2012 – May 2016**
- Bachelor of Engineering in Computer Science, CGPA: **9.16/10**
- **Undergrad Coursework:** Database systems and lab, Internet Technologies,Object-Oriented Design and Analysis, Cloud Computing, Advanced Java etc.

LANGUAGES AND TECHNOLOGIES

- **Languages**   Python, GoLang, Java, JavaScript, MySQL, MongoDB, Hadoop, C,C++ , SQL, NodeJS, Scala, HTML & CSS.
- **Technologies**   Python Flask, Python Panda's, Go-Lang Ginkgo, kubernetes, Apache Kafka, PAAS, Cloud Computing, Docker .

EXPERIENCE

Nutanix Inc., MTS Intern   **May 2020 - August 2020**
- Developed Kubernetes based **Cloud Infrastructure Monitoring Service** over Karbon(Nutanix Kubernetes distribution) for Cloud Infra team.
- Multiple cloud teams were benefited with my service allowing them to monitor, debug and gather alerts.
- Developed **custom service discovery** that allows services to be added, deleted or modified over REST APIs on Prometheus.

SAP Labs, Software Developer   **August 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, Scala, 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, Engineering 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)**
- **Profile-Aggregator:** A website to store all professional profile information from Linkedin,Github and leetcode. Used **Heroku** to host website,**MongoDB** Primarily Database and **NodeJS** for Backend Server.
- **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**

HONORS AND AWARDS

2020	1st/100	**T9Hacks Hackathon (Best UI)**
2018	3st/300	**SAP Innovator challenge 2018**
2016	1st/500	**Pradarshana 16 (MSRIT final year project round)**
2014	1st/35	**RHOK hackathon winner**
2014	University	**Firefox Student Ambassador**
2013	10/500	**AceVenturur at venturesity(skillenza)**