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## EDUCATION

**M.S. Computer Science**, Arizona State University, Tempe, AZ. GPA: 3.4/4

05/2018

**B. Tech. Computer Engineering**, College of Engineering, Pune, India.

05/2009

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++.

**Back-end Technologies:** Dropwizard, Django, RESTful, SOAP, WCF, AWS.

**Front-end Technologies:** JavaScript, Ajax, HTML5, CSS3, jQuery, Bootstrap.

**Databases:** PostgreSQL, MySQL, MongoDB.

## PROFESSIONAL EXPERIENCE

### **Software Developer 2**

**Oracle America Inc.**

**07/2018 – Present**

- Part of Database as a Service (DBaaS) Control Plane team of Oracle Cloud Infrastructure (OCI).
- Developed backend services to provide users with some form of access to Oracle Database without the need for setting up physical hardware, installing software or configuring for performance.

### **Senior Software Engineer**

**Zimbra Inc. (India)**

**06/2014 – 07/2016**

- Part of a DevOps team to perform build & release activities for Collaboration Suite and Desktop application.
- Implemented and automated effective CI/CD processes for internal tools and pipelines.
- Administration of SCM servers (Perforce), along with setup and maintenance of build VMs.

### **Senior Subject Matter Expert**

**Amdocs (India)**

**07/2012 – 06/2014**

- Identify and initialized DevOps activities with development teams, vendors, and the customers.
- Automation and performance tuning of product builds which resulted in 40% faster product delivery.
- Deployment of builds on production servers and provide 24x7 support to development and testing teams.

### **Subject Matter Expert**

**Amdocs (India)**

**08/2009 – 07/2012**

- Developed data migration framework called ADMEM (Automatic Data Migration Execution Manager) to fully automate ETL operations on the database with over 50 million records in 4 hours.
- Provided development support for C++ based tool for data migration called MigDrive.
- Developed web application for reconciliation reporting, and data migration monitoring & quality control.

## ACADEMIC PROJECTS

### **Service Oriented Application (C#, Windows Communication Foundation, HTML5, Bootstrap) Fall 2017**

- Developed an SOA web application with Session Management and User Authorization/Authentication using XML along with Middleware SOAP/RESTful Web API and published it to the IIS Web server for deployment and testing.

### **Geospatial Distributed Computing (MapReduce, HDFS, Scala, Spark, GeoSpark API) Fall 2017**

- Performed big data analysis for cab dataset using GeoSpark API to filter top 50 cab pick-up location hotspot.
- Implemented MapReduce in SparkSQL and used Hadoop File System on Hadoop cluster of 5 machines in Scala, divided data set into grids, calculated Getic-Ord  $G_i^*$  statistic score using Apache Spark and monitored cluster usage statistics in Ganglia.

### **Data Cluster Analytics (Matlab, Clustering, SVM, KNN, ANN, Classification) Spring 2017**

- For a given Handwritten digits' dataset, developed ensemble training model comprising of K nearest neighbor, Support vector machine and Artificial neural network.
- Performed majority voting scheme on results obtained by these models and achieved 96% accuracy.

### **Secure Online Banking System (Java, Spring, SSL, PKI, Linux) Fall 2016**

- Led environment security team by collaborating with ASU IT team, COMODO CA, and Namecheap.com for deployment server setup, SSL certification, PKI (Public Key Infrastructure) encryption, and Trust-Logo verification.
- Performed vulnerability testing and bug fixing to fortify security of the system.