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EDUCATION

M.S. Computer Science, Arizona State University, Tempe, AZ. GPA: 3.4/4
B. Tech. Computer Engineering, College of Engineering, Pune, India.

05/2018
05/2009

TECHNICAL SKILLS

Programming Languages: Python, Java, C++.
Back-end Technologies: Django, RESTful, SOAP, WCF, AWS.
Front-end Technologies: JavaScript, Ajax, HTML5, CSS3, jQuery, Bootstrap.
Databases: PostgreSQL, MySQL, MongoDB.

PROFESSIONAL EXPERIENCE

- 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 Software Developer** **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.
- Software Developer (ETL)** **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.