

Skill Set:

Java, C, Python, Node.js, Angular.js, Cassandra, RabbitMQ, Jenkins, Pivotal Cloud Foundry, Stash, Apigee, Git, Docker, Cloud Front, Flask, SQL, NoSQL, Mongo DB, Amazon Web Services, Restful web services, Map Reduce, MVC Architecture, Micro-Services Architecture, Agile development.

Education

Masters of Science (Thesis) in Computer Science

G.P.A: 3.9/4.0

University of Texas at Arlington

Aug 2014 – May 2016 (Anticipated)

Research Topic: Machine Learning based datacenter-monitoring framework: ATLAS experiment at CERN

Bachelor of Technology in Information Technology (JIIT, India)

June 2007 – May 2011

Achievements

- Represented University of Texas, Arlington in TAMU Hack 2014 and **secured second prize** for building music synthesizer using Leap Motion device and JavaScript,HTML5, Intel XDK, IBM blue mix.
- Secured first position in Microsoft intra-school coding competition 2014, held at UTA, Texas.
- Awarded Employee of the month at Accenture in May 2012 for exceeding the customer expectation.

Employment Experience:

Cloud Intern at T-Mobile:

June 2015- Aug 2015

- POC on micro-services and containers using Pub/Sub model on Pivotal Cloud Foundry. CI/CD with load testing and application health monitoring to test PAAS provider.
- Created a Spark cluster on AWS EC2 and integrated with IPython and Scala.
[Angular.js, Node.js, Pivotal Cloud Foundry, Spring Boot Java, Cassandra, RabbitMQ, Jenkins, Stash, Apigee, Apache Benchmark, Google Material Design, Spark]

Software Engineer at Accenture:

July 2011-July 2014

- Automated system monitoring and healing scripts to avoid application failures by identifying dangling processes and heap usage by different processes. This reduced the amount of manual monitoring time by 40%.
- Scripted SMS alerts to the user when manual intervention is required to check the application error. This timely intervention increased the overall application availability by 25%.
[Java, Shell Scripting, Eclipse, putty, Team Foundation Server]

Academic Projects:

Scalable SMS information retrieval system

December 2014

- Information retrieval about stocks, weather, time and other useful information using Scalable system.
- Deployed via docker on amazon web services and sms notification sent by Twilio.
[Python, AWS, Docker, Cloudfront, Twilio, Elastic Beanstalk, MongoDB, Wolfram Alpha API]

Find A Foodie Friend:

March 2015

- Web based Application on Yelp data to find a foodie friend near your location. We use sentiment analysis on user reviews and Euclidian distance to find most favorable match among users. *[Flask, Hue, DynamoDB, EC2]*

Kaggle Forest Cover Classification:

February 2014

- Build a Naïve Basie classifier to train learning algorithm on training data and then predicted the likelihood of all entries present in the test data set. *[Python]*

Distributed Chat Server:

November 2014

- A Client/Server model implemented using sockets by using both Centralized and P2P architectures.
- Multithreading and SQL used to achieve concurrency and authentication. *[Java, MySQL, Netbeans]*

Activities and Responsibilities:

- Directed and Coordinated [HackDFW](#), Dallas's first major student Hackthon held from Feb 28 to March 1, 2015.
- Served as the member of Training and Placement cell of JIIT, Noida and was responsible for organizing placement drives held in college.