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EMPLOYMENT

- | | | |
|---|------------------------------------|---------------------|
| Software Intern | Nvidia , Santa Clara, CA | May 2016 – Present |
| <ul style="list-style-type: none">Initiated use of Machine Learning in team and used regression to predict build time of modules on serversPerformed analytics using Kibana and MapReduce on Nvidia servers' data for infrastructure improvementArchitected end-to-end data aggregation pipeline using Kafka, Logstash, Elasticsearch in AWS Direct Connect | | |
| Associate Software Engineer | ACI Worldwide , Pune, India | Jul 2013 – Aug 2015 |
| <ul style="list-style-type: none">Developed Java solutions to facilitate Electronics Funds Transfers based on ISO 8583 protocolImplemented a high availability server solution in Java for Postilion frameworkReceived 5 appreciation awards for my work in software development and L3 Support management | | |

TECHNICAL PROJECTS

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|--|---|---------------------|
| FoodBook | MongoDB, Express, AngularJS, Node.js | Sep 2016 – Dec 2016 |
| <ul style="list-style-type: none">Employed MEAN stack to build a restaurant search website with social media interaction capabilities | | |
| MapReduce Framework | Java, AWS, TCP/IP, Bash | Mar – May 2016 |
| <ul style="list-style-type: none">Developed MapReduce framework with streamlined API which runs MapReduce jobs on AWS EC2 instances | | |
| Airlines Data Analysis | Java, R, AWS, Hadoop, Spark, MLib | Jan – Apr 2016 |
| <ul style="list-style-type: none">Applied linear & logistic regression models to find distance - ticket price relation using airlines dataPredicted flight delays by applying random forest algorithm and naïve bayes classifierImplemented the fastest solution to find missed flight connections of past 27 years in a class of 100 students | | |
| Hybrid Cloud Services | Java, AWS, Spark, MLib, Twitter API | Jan – Apr 2016 |
| <ul style="list-style-type: none">Utilized data tagging mechanism on live twitter feed to segregate them into public and private cloudsAnalyzed twitter data using MapReduce and Spark in a hybrid cloud model to find and predict usage patterns | | |
| P2P Resource Sharing | Java, Oracle, TCP/IP | May 2012 – May 2013 |
| <ul style="list-style-type: none">Architected peer to peer application in Java for secure resource sharing over college WLAN | | |

EDUCATION

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| Northeastern University , Boston | May 2017 |
| Master of Science in Computer Science | GPA: 3.80 |
| <u>Courses:</u> Machine Learning, Natural Language Processing, MapReduce, Cloud Computing, Web Development | |
| University of Pune , Pune, India | May 2013 |
| Bachelor of Engineering in Information Technology | GPA: 3.83 |

LANGUAGES AND TECHNOLOGIES

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|---------------------------------|--|
| Programming Languages: | Java, Python, Scala, R, C, C++, Racket |
| Frameworks: | Hadoop, MapReduce, Spark, MLib, scikit-learn, Hive, MVC, Hibernate, Maven |
| Artificial Intelligence: | Regression, Classification, Random Forest, Naïve Baiyes, Clustering, TensorFlow |
| Web Development: | JavaScript, Express, AngularJS, Node.js, HTML, CSS, XML, Bootstrap, JQuery, JSON |
| Databases: | Oracle, MongoDB, SQL Server, DB2, MySQL, PostgreSQL, Cassandra |
| AWS: | EC2, S3, VPC, ELB, Direct Connect, Route 53, AMI, IAM, CloudWatch |
| Others: | Perforce, Git, Elasticsearch, Logstash, Kibana, Kafka, Redis, Docker, Heroku, JIRA |

EXTRA-CURRICULAR

- Jury for evaluating Human-Computer Interaction based projects across India at 'Techtonic 15'
- Jury for national level competitive programming competition at 'Techtonic 14'