ASHISH KALBHOR

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EDUCATION

Northeastern University, Boston, MA | May 2017
College of Computer and Information Science
Master of Science in Computer Science | GPA: 3.7/4.0

University of Pune, Pune, India | Jul 2013
Bachelor of Engineering in Computer Engineering
Received highest score among 20,000 candidates for Graduation Examination. | GPA: 4.0/4.0

TECHNICAL SKILLS

Languages/Frameworks:	Java, Python, C, C++, C#.Net, Racket, R, Scala, Spark, MongoDB, Node.js
Big Data Technologies:	Apache Kafka, Hadoop, AWS Lambda, ECS, EMR, SQS, SNS, Elasticsearch, Kibana
Tools:	IntelliJ, Webstorm, Android Studio, Visual Studio, Github, Perforce
Relevant Coursework:	Map Reduce, Information Retrieval, Algorithms, Web Development, Software Engineering

WORK EXPERIENCE

Software Engineer - Co-op
Nvidia Corporation | Jun 2016 to Present
- Developed real-time **data ingestion** pipelines using AWS Lambda, SQS, ECS and Apache Kafka.
- Implemented Kafka Connectors for reading device data from S3 and indexing into Elasticsearch clusters.

Teaching Assistant for CS 4500 – Software Development
Northeastern University | Jan 2016 to May 2016
- Prepare study material, assignments and handouts in **collaboration** with other Teaching Assistants.
- Grade coding assignments and provide constructive feedback to students while assisting their client side projects.

Associate Software Engineer
ACI Worldwide Inc. | Jul 2013 – Jul 2015
- Developed more than 40 customized components in Java on Postilion framework for **payments processing** on ATMs and POS devices using ISO8583 protocol in *Electronic Fund Transfers*.
- Received Cheers Award for effectively fixing 50 production defects as a Jira Lead of 3 major projects.

Project Intern
Synerzip Softech Pvt. Ltd. | Mar 2012 – May 2013
- Designed an **Android Framework** for enabling smartphones to use trigger to fire actions based on a rule engine.
- Developed an Android App to implement the framework for 10 trigger-action mappings.

PROJECTS (https://github.com/ashish-kalbhor)

Custom Map Reduce Framework | May 2016
Implemented a custom version of Hadoop Map-Reduce framework that can run a job and perform inter-node communication across AWS EC2 instances. *Java, Bash, AWS CLI*

Mobilyzer App for Network Measurement | Nov 2015
Assisted Prof. David Choffnes in Northeastern University for designing a framework to crowdsource measurement of Mobile Internet performance. *Java*

Search Engine using Okapi BM25 Ranking | Nov 2015
Developed a Search Engine that provides a ranked list of documents for a given set of queries, using BM25 ranking algorithm on tokenized and stemmed document collection. *Java, Python*

EXTRA-CURRICULAR

- Contributed to Open Source **Apache Kafka** community by developing Connectors for DynamoDB.
- Published a **research paper** on "*Framework for Tasking Applications on Smartphones Using Sensing and Co-ordination*" at International Journal of Engineering and Advanced Technology, April 2013 issue.
- Posted **technical blog** on Apache Kafka and Real-time data streaming: *ashishblogs.weebly.com*