Abhishek Gupta

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Professional Synopsis
Software Developer with 2 Years of IT experience in developing and maintaining products with high business impact. Currently working as IT Developer in Tata Consultancy Services Ltd (Innovation lab).   • Have worked in Web application, Web services, Hadoop Ecosystem and Android development.   • Freelancer and gained knowledge in Big Data, J2EE, Android and ready to learn more.

Skill Set	
Core	Data Structure, Java, Python, Shell Scripting
Frameworks	Apache Apex, Hadoop, Spark, Kafka, Struts, Hibernate, Jersey, Junit, Maven, NumPy, Metaplotlib
Operating System	CentOS, Linux, Window 7 and upward
Databases	MySQL, MongoDB (NoSQL)
Tools & Technology	Eclipse, Git Bash, Putty, WinSCP, Docker, Virtual Box, Android Studio

Employment Details	
Employment with Tata Consultancy Services Ltd.(Pune) as IT Developer Role (Inno. Dept.)	July,16 - current
Work for Data Infosys Ltd.(Jaipur) as **intern and Developer**	Jan, 15 - Feb, 16
Work for Data Infosys as Big Data Developer worked on Apache Apex **(Freelancer)**	Jan, 17 - current

Key Projects

SecArch Remediation Application Enhancement: (Feb, 17 – June, 17 @ TCS Innovation Lab)

Scope of this project is to add Restful web services and remediate cross site scripting, SQL injections, OS injection and other specific loopholes. My task is to -
- Analyze, design and create service using Jersey library and handle DAO layer using Spring.
- Remove the XSS bugs using ESAPI and java encoding libraries and use the prepared type in Business Logics (Spring JDBC template) to remove sql injection bugs.
- Optimize the code using generic design pattern of java.
- HP Fortify job integration to provide better one click solution.

Technologies: Spring, Apache cxf, Apache jersey, Service Security, Sybase DB.

Morgan Stanley Bank Log Data Lake: (Sep, 16 – Current @ TCS Innovation Lab)

Impact of this project is to create data lake from collected from various web application's QA, Prod and other environments.
- Developed real-time data ingestion layer using Kafka and Kafka Connect in MR application.
- Fuzzy logic enhancement with ML interaction logic like Euclidian and K-mean.
- Use KDB integration to gain access real time containers.
- Developed queries required to interact with HIVE tables. And write filter using pySpark

Technologies: MapReduce, Kafka, Hive, Spark, KDB, ML

Health & Safety Elite: (July, 16 – Aug,16 @ TCS Innovation Lab)

Scope of this project is to create mobile application (android) which take record of listed checkpoints for every campus's area regarding Health and Security environment rating. My task is to -
- Develop the whole application using android studio as the only developer.
- Uses the image optimization technique with the help of android technology and upload the data to buckets at S3 buckets in amazon EMR cluster for further process and rating.

Technologies: Android, Glide lib, Junit, Picasso, aws

Airtel CRD :   (Jan,15 – feb,16 @ Data Infosys Ltd.)

Scope of this project is to provide analytical service for the enhancement of Telecommunication recommendation engine using customer billing data according static area plot. My task is to -
- Develop MR jobs for Batch processes to make report per hope time & Ingest data using sqoop from RDMS and excel workbooks and implementation hive table depending on read/write scenarios.
- Implemented Machine learning Clustering logic using – Python's NumPy library

Technologies: MapReduce, Sqoop, Hive, Spark, Numpy, jupyter notebook

Educational Background		
B.E. (CSE)	2016	Jaipur Engineering College & Research Centre (JECRC)
Certifications & Achievements	- J2EE and Android **Enterprise** certificate by Hewlett-Packard. - Certificate of Excellence in Hadoop and Map Reduce by Cloudera (MOOC). - Certificate of Digital: Apache Spark-BFS Intermediate by Tata Consultancy Services - Honor Code Certificate on scoring 94% in Big Data with Apache Spark from University of California (MOOC). - Certificate of excellence in Spark and Amazon Cloud by Data Infosys- Jaipur	