Jeetendra Gangele

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SUMMARY

Technology leader with 10+ years of experience and an excellent track record of building ,architecting and delivering reliable and scalable software and machine learning systems. Expert in building and designing data platforms.

TECHNICAL PROFICIENCIES

- Hadoop, Map reduce, Pig, hive, Hbase, mongoDb,mahout,Hue, Oozie,Spark
- Spark Streaming, Kafka, Solr, Elastic Search,Flink,Samza
- Machine learning,Deep learning,NLP, word2vec, data visualisation
- CNN, RNN, Transfer learning, TensorFlow, PyTorch
- Amazon technologies, EMR, SQS, s3 , dynamoDB
- Google app engine, Google cloud platform, Google cloud ML
- RabbitMQ, MQTT,KAFKA
- Java, C,C++,perl,shell,scala,Python,Javascript,R
- Blockchain technology, Hyperledger, BigChainDB

EDUCATION AND COURSES

- B. Tech. in Computer science,REC Bhopal, India
- Intro to machine learning Udacity
- Andrew NG machine learning Coursera
- Mining of massive data sets Coursera
- Intro to Hadoop and map reduce Udacity
- Intro to Descriptive statistics Udacity
- Deep learning Specialization Deeplearning.ai, coursera
- Probabilistic Graphical Models Coursera
- Build data science team Johns Hopkins Coursera

PROFESSIONAL EXPERIENCE

Bicycle AI   **August 2017- Jan 2018**
Advisory data science
- Bicycle AI use the best of machine intelligence with human supervision to provide an exceptional customer service experience.
- Helped them in building the complete ecosystem around customer support chat bot system

Dinewhat   **October 2016 -July 2017**

Co-founder and CTO
- DineWhat makes it easy to find specific dishes and best restaurants serving those dishes based on users own taste
- For more details please visit https://angel.co/dinewhat
- Built the backend tech behind this system (including deep learning and search ranking)

Accel India   **March 2016-Present**
Data Science in residence
- I occasionally help the partners talk through an interesting technology(mostly AI/MKL/Big data) or company
- I work with companies in the Accel portfolio some of the companies i helped transforming to data driven are Swiggy, BookMyshow, UrbanClap
- In this tenure worked with various data science projects with 10 portfolio companies

Housing   **September 2015- March 2016**
Head of Data science
- Led the Data Science Lab, Product Analytics,and data engineering team
- Managed Recommender System, Search Relevance Ranking, Operations Fraud,Auditing Ads Monitoring & Pricing, Property Valuation Modelling, DataPlatform
- Managed a team of 10(data engineer and data scientist)

Insideview   **July 2014 –September 2015**
Engineering manager/Data engineering architect
- Built and managed the team of 7 members(data engineer and data scientist)
- Built the data platform for all the inside view applications. This will be single point from where data will Be flowing to all applications. For computation related jobs building spark application for news processing using the combination of Kafka and spark streaming , also migrating all the map reduce jobs to this platform
- Build a platform to store the user clickstream data ,Events will get pushed to rabbitMQ , spark streaming will read the events , sanitization and then finally storing them to warehouse(HDFS). design the hive schema on this data so that people can query the data using HiveQL.
- Built a system from scratch for Enitity resolution, migrating all the relational database to NOSQL(Hbase). Using spark technology to solve the running time of the company matcher problem, improved the recall. For matching companies records Using similarity and phonetic algorithms.Bulid the regression model to predict the dedoop
- Designed the complete system to Harvest the C-level Executives from company web site. Crawling using nutch and then solr for indexing. Built a classifier to identify the exec and no-exec pages. Name entity relationship using CRF. All jobs here map reduce jobs.
- Designed and developed the integration job which will take the dump file from above pipeline and update the database with the harvested records.
- Designed and implemented the system to find out all the stale records from data base, used nutch and build the rule based engine to identify the stale records.

- Design and implemented the system which can identify the outliers companies from database. Used statistics techniques to find outliers.

- Agent pairing from news, lot of news article flow into production system, and the goal of this project is to identify the article category (leadership, acquisition, human resource etc.

Expedia INC   **April 2013 – June 2014**
SDE3
- Design and implemented the Repacker web service, which will get Package Avro byte convert into XMLs and then apply some filtering on these generated XMLs and extract few fields and upload into SQS.
- Worked with Expedia Innovation team when written various jobs and Oozie workflow to help and understanding the behavior of the data, identified and implemented many revenue generated ideas from this data. Solved many business SLAs problems here
- Design and implemented the web service for unbound region search business use case, where user will have a option to search the packages based on regions not only with locations.
- Refactored/redesigned the existing code for the legacy written web services
- Was involved in the live-site support issues as and when some priority issues comes

Cavium-Amazon   **October 2011– April 2013**
SDE-2
- Design and implemented, tested SOAP engine, for Amazon kindle product, this engine exposes Aps to get the Movie content, audio content and image content based on the search criteria provided by user in the setup box.

- Design and implemented cryptography module Using Marlin IPTV SDK, this service will validate the authentication of the user, implemented Public key cryptography, signature generation validation, key exchange using openssl

- Develop and tested the HTC wireless media link product

IBM Software labs   **June 2008 – September 2011**
SDE
- Worked with IBM virtualization technologies like LPAR, WPAR, hypervisor, developed commands command like mkwpar,chwpar for creating and changing the work load partition using C++,linux
- Worked with IBM memory compression techniques active memory expansion and active memory sharing
- Was involved in various feature enhancement and fixing the bug in the existing system in TCP module
- Developed in house web tool for testing team to trigger the test, generate and publish the report.
- Written the complete test suite for LPAR and WPAR implementation

Achievements

- Won the Blockchain Hackathon 2018 by govt of karnataka
- Best advisory award from Swiggy founders on helping Swiggy to become data driven company
- Won Hackathon 2015 Insideview Technology
- Won Pattern of the bag award from Insideview for building the new data platform
- Golden employee award by Expedia 2013
- Best performer of the year IBM 2011
- Active member of Openssl open source library
- Active member of Apache spark and apache Hbase
- GitHub open Source contributor (https://github.com/gangele397/)