

NITI

Data Scientist

Cognizant Technology solution

Previous Employer: Tata Consultancy Services

Batch: 2013

CONTACT

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Mob: +91-7620335187

PROFESSIONAL EXPERIENCE

Cognizant Technology Solution, Pune | Data Scientist

Dec'18-Present

Received **Rewards** in performance review for exemplary work and diligent effort

- **Recharge Gap Analysis** for predicting customer's likelihood to have a recharge gap greater or less than 6 days
 - Developed data pipelines to create 100+ statistical features from different data sources like customer's data usage, voice usage, network, recharge etc. in **HIVE** with right joins, partitions and hive parameters to minimize the job-completion time
 - Performed correlation analysis & bivariate analysis, multicollinearity & feature importance to get 30 features for modelling
 - Devised, developed and implemented ML solution framework to **classify** the customer's recharge gap into greater or less than 6 days for **4M** customers.
 - Achieved **82%** accuracy & **0.79** AUC using **Random Forest** classifier, estimated **₹4 M** revenue lift per month for Germany
- **FTTH Customer Acquisition** by scoring & clustering buildings/customers based on different perspectives like data usage
 - Built **data ingestion** pipeline for Fiber recharge and usage data from Oracle DB to **Hadoop** cluster using **Sqoop**
 - Extracted geographical and statistical features from customer's location and Fiber & telecom data usage experience
 - Implemented **Unsupervised Algorithms** on **Z-Scores** of different perspectives at building level for targeted campaigning
 - Exploited **PCA** to visualize the dataset and analyzed the statistics achieving **7%** increase in Fiber customer base.

Tata Consultancy Services, Pune | ETL and Hadoop developer

Feb'14-Nov'18

Received many **letters of Appreciation** from project for excellent performance and work commitment.

- **Enterprise Information Planning (EIP):** EIP works for one of the leading Bank of America, which handles data from staging till end Views on which customer examine data. We have different layers created for this as **ETL_STAGE**, **SIF**, **BDW**, **EDXF**. Later Project was migrated to **Hadoop ecosystem**.
 - Developed data pipelines to create SCD1, SCD2, SCD3 mappings and workflows from different data sources.
 - This project has been automated to run in production by using **UNIX**, **Scheduling Tool**, **CA7**, **Mainframe**.
 - Worked with customers in making strategic roadmap for ETL and Big Data. Strong understanding of module.
 - Work closely with the senior level IT and customers along with other team members to understand expected program outcomes and suggesting effective delivery processes to enable outcomes.
 - Understanding and coordinating client's needs / enhancements, customization accordingly and consulting with team to provide solutions as per the delivery schedules.
 - Extensive experience in working with agile methodology for ETL deliverables.
 - Developed various **procedures** at database level, **shell script** and **VB Script** to automate the on-going process.
 - Implemented Data Recovery, control Validation, Data Masking for many of the sensitive columns.
- **Enterprise Information Planning (EIP) Hadoop Migration:** Got involved in migration of EIP project to Hadoop Ecosystem. Used **Flume** to import CSV files to HDFS and **Sqoop** to import data from Teradata to **Hadoop** cluster.
 - As Part of migration requirement completed Hadoop certification from HDPCD.

CERTIFICATIONS

Post Graduate Program in Artificial Intelligence and Machine learning |

July'20-Present

Great lakes in collaboration with University of Austin)

Still pursuing this 12 month post graduate program in Machine Learning Foundations, Regression, Classifications and Clustering & Retrieval, AI

Machine Learning Specialization | University of Washington

Jun'20-Oct'20

Received certification for **4 courses of Machine Learning** from University of Washington on Coursera

- Machine Learning Foundations, Regression, Classifications and Clustering & Retrieval

Data Science by IBM | Data Science certification

April'20-July'20

Received certification for **8 courses of Data Science** from IBM on Coursera

- Completed Data science certification from IBM in July 2020.
- Link: <https://coursera.org/share/047fb316117a718eec3e3df1ce0efdd7>

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Hortonworks HDP certified developer | *Hadoop certification*

Sep'17-Present

- Completed Hadoop certification from Hortonworks in Sep 2017.
- Link: <https://bcert.me/bc/html/show-badge.html?b=rkuhnmf>

LEADERSHIP EXPERIENCE

Team Lead | *Tata Consultancy services*

July 17-Nov'18

- Work closely with the senior level IT and customers along with other team members to understand expected program outcomes and suggesting effective delivery processes to enable outcomes.
- Provides clear unbiased insight to project status and health via timely, objective and accurate reporting.
- Understanding and coordinating client's needs / enhancements, customization accordingly and consulting with team to provide solutions as per the delivery schedules.

ACCOLADES AND EXTRACURRICULARS

Technical Skills	<ul style="list-style-type: none">Tools: Python, Hive, Spark, Sqoop, Big Data Lake, Hadoop, HDFS, SQL, MS Excel, ETL, CA7Courses: Machine Learning, Data Science, Hadoop Certification PGP in AIML
Sports	<ul style="list-style-type: none">Represented TCS in Badminton during intra IT competition Held in Pune.Represented at regional level in 400m, long jump, triple jump during college and school time.

EDUCATION DETAILS

B.E(CS)	Pune University – 2013 (70.69%)
Senior Secondary (XII)	C.B.S.E – 2009 (79.40%)
Secondary (X)	C.B.S.E – 2007 (89.40%)