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EDUCATIONAL QUALIFICATION:

MS - Information Systems (4.0/4.0) **May – 2018**
University of Texas at Arlington, Arlington, TX
(Business Statistics, OOPS, Data Mining, Data Science, DBMS, Project Management, Systems Analysis and Design, Big Data Analytics, Data Warehouse)

BS - Chemical Engineering (3.69/4.0) **June - 2012**
Nirma University, Gujarat, India

TECHNICAL SKILLS:

Tools:	Tableau, Hadoop Api, Spark, Sqoop, Flume, Stata, Weka, Hive, Eclipse Ide, SAS, MS Project, MySQL, Mongodb, QTP, Selenium IDE, Jmeter, Ms Office, Power BI
Languages:	Java, SQL, Python, R
Skills:	Business Statistical Analysis, Big Data - Distributed Computing, Data Analysis, Data Visualization, Data Mining, Model Building using Sklearn, Machine Learning, Deep Learning, Natural Language Processing, Data Cleaning/Pre-Processing, Business Analytics, Systems Analysis and Design, Quality Assurance, Team Leading

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PROFESSIONAL EXPERIENCE:

Capital One, Plano, TX **July- 2018 – Present**
Role: Data Analyst – Actively participated in Data Base migration validating fields and creating Analytical Reports on Snowflake Cloud DB using SQL and Python. Performed Data analysis using Python and created automated validation scripts using NumPy, Pandas and SQL.

University of Texas at Arlington, Arlington, TX **June -2017 – May - 2018**
Role: Data Assistant - Experience on dealing with Prospective student's data for UTA along with the Data pre-processing and cleaning and updating the People Soft SQL Oracle DB portal. Creating and maintaining reports in Excel, SQL and Python.

Intellimedia Networks, Ahmedabad, India **Sep-2015 – May - 2016**
Role: Lead Quality Analyst - Experience in leading QA team and requirement gathering. Worked upon improving processes and suggesting inputs upon key areas of challenges and implementing effective solutions. Introduced automation testing using Selenium.

Vibrant Enterprise, Ahmedabad, India **Jan-2015 – Aug-2015**
Role: Marketing Analyst -Understanding client's requirement and providing the suitable analytics bridging the gap between manufacturer and customers. Creating dashboards/report on sales and customer data for targeting marketing using SQL and Python.

Cognizant Technology Solutions, Pune, India **Dec-2012 – Dec-2014**
Role: User Acceptance Lead and Data Analyst- Experience in developing insights based on customer behavior data. Acquired Customer behavior using web logs using Python and SQL. Playing a key role in the implementation of the project/initiative from a business prospective and commenting on the Go/No-Go decisions.

PROJECTS:

- **Statistical Analysis/Model Building -** On Players data using SAS using linear Regression approach coming up with the best model based on various assumptions and criteria's like R^2 in predicting the Player Salary and performing Hypothesis testing (Annova, Chi-Square, Two way Annova).
- **Social Media Analytics –** Collected tweets using twython, analyzed and developed insights implementing sentiment analysis using Textblob, WordCloud, Topic Modelling, summarization and keyword extraction using Genism and optimizing the result to gather location-based insights – Python based
- **Pokemon GO Analytics –** Data Collection of 11 variable using web scrapping on Google Play/App Store for 3 months at an interval of 10 mins. Analyzed the collected Dataframe using Scatter Plots and Co-relation coefficient. Compared best prediction model comparing Linear, Ridge, Lasso and Elastic Net regressions to predict future date values. Performed Deep Learning analysis to identify image tags using Tensor Flow – Python based
- **Resume Job Description Matching –** Collecting data from Glass Door using selenium and performing resume parsing. Pre-processing the data using stemming, generating a similarity score using 300-dimensional vector space modelled using Deep Learning - Word2Vec and their TFIDF scores – Python based
- **Systems Analysis and Design –**Took the project through planning, analysis, and design phases of SDLC with relevant diagrams.
- **Big Data Project –** Performed Predictive Machine learning project on Titanic Data set using Distributed Computing using Spark ML.

ACHIEVEMENTS:

- **Awards:** *High Flyer of the Month* - 2011 Cognizant Technology Solutions, *Certification of Appreciation* – 2012 Lloyds Banking Group/Cognizant Technology Solutions.
- **Process Automation** – At Intellimedia Networks which saved 8 hours of efforts per bug fix/release.
- **Streamed lined the project delivery** - At Intellimedia Networks with increased documentation and processes allowing 30% increase in quality and overall productivity.
- **Machine Learning by Stanford University** on Coursera. Certificate earned at Friday, May 25, 2018 8:15 AM GMT