



## ANKIT TOMAR

### Data Scientist

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Having strong 8+ years of IT work experience (6+ years in Data Science)

*Hands-on experience with data science, ML Modelling, data engineering, data analysis and MLOps*

- Specialized in building machine learning and deep learning solutions
- Excellent skills for solution offerings, customer management and delivery managements
- Successfully built data science team of high skilled data scientists, data engineers, data analysts and MLOps engineers
- Created thought leadership/case study content and published with Insight team
- Hand-on experience in the cloud is AWS and GCP – Completed AWS CCP certificate
- Worked in Healthcare and Telecom industry

### Key responsibilities handled

#### Management

- Identify data science use cases and propose solutions
- Mentor the team of data scientists, MLOps engineers and business analyst
- Managing and coordinating key data science projects and roadmap with different stakeholders
- Develop guidelines, best practices and oversee their implementations
- Develop thought leadership and case study content

#### Delivery:

- Design the system architecture for the project
- Design the data pipeline for large scale systems
- Processing, cleansing, and verifying the integrity of data
- Driving the data mining and visualization tasks
- Hands-on with feature engineering, building and optimizing classifier and predictive models
- Hands-on with deployment of the data science solutions
- Presenting the experiment's results to business team
- Identifying the optimal data science approach

### Work Experience (Organizations & Key projects)

Jun'19 – Present	<b>Data Scientist, Prodapt Solutions, Amsterdam, Netherlands</b> Hands-on with data engineering, data design, ML modelling and MLOps. <b>Major Contributions:</b> <ul style="list-style-type: none"><li>• Built churn prediction model for one of the largest telco company in America</li><li>• Built a model to predict the software stability system for telco customer in Europe</li><li>• Developed a model for truck roll dispatch prediction using technical data</li><li>• Executed setup of data science CoE at Bangalore, Team hiring, Skill enhanced plans</li><li>• Built an anomaly detection model in connectivity to device for UK based telco customer</li></ul>
Oct'17 – Oct'18	<b>Engineer II, Baxter Healthcare R&amp;D, Bangalore, India</b> Hands-on with pipeline creation, data analysis, ML modelling and result reporting. <b>Major Contributions:</b> <ul style="list-style-type: none"><li>• Build a model to predict the failure of a blood pump data using time series analysis.</li><li>• Built and deployed predictive model for peritoneal dialysis device failure when patient is resting</li></ul>
Apr'17 – Oct'17	<b>Consultant, Capgemini, Bangalore, India</b> Hands-on with data engineering, data analysis ML modelling. <b>Major Contributions:</b> <ul style="list-style-type: none"><li>• Worked on predictive analytics for GE healthcare by multiclass classification model</li></ul>
Jan'13 – Apr'17	<b>Sr. Software Engineer, Accenture, Bangalore, India</b> Hands-on with data visualization, reporting, data analysis and ML modelling. <b>Major Contributions:</b> <ul style="list-style-type: none"><li>• Build Preventive maintenance of the device using generated logs</li><li>• Built and managed dashboards for the connected device health using Tableau</li><li>• As part of advance analytics team, worked on multiple supervised and unsupervised learning models</li></ul>

### Skills

Technical Skills	Python, PySpark, SQL, Numpy, Pandas, Seaborn, Matplotlib, TesnorFlow, Keras, pytorch, fastai, caffe2
Development Tools	kubeflow, MLflow, Airflow, FlaskAPI, GCP, AWS, Kubernetes, Git, Jenkins, docker, Kubernetes,
Algorithms	Logistics Regression, Naive Bayes, Decision Tree, Random Forest, KNN, Linear Regression, SVM, XGboost, oneSVM, Isolation Forest, Elliptic Envelope, K- means clustering, LDA, LSA, NMP, CNN, Keras, RNN, LSTM, Word2vec, glove, fbprophet, GluonTS, Mxnet, Resnet50, ARIMA, fbprophet, GluonTS,
Project Management	Project scoping, Data management, Feature engineering, Model Development, Model deployment, Model governance and enhancements, Team formation, Team Management

### Educational Qualification

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|---|----------------------------|
| 1. Pursuing <b>M.Tech in Data Science</b> from BITS Pilani (Work Integrated Learning Program) | <b>Duration:</b> 2019-2021 |
| 2. <b>B.Tech (Bachelor of Technology)</b> in Information Technology -UPTU(Uttar Pradesh)      | <b>Duration:</b> 2008-2012 |