

# Rakesh Kumar Gupta

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## Professional Summary:

- Software Engineer with **5+ Years Experience** in Analysis, Visualization, Statistics, Design, Debug, Development, Test, Deployment, Resolve Complex Problems and Implementation of various Application.
- Senior MLOps Engineer with **2.8+ Years Experience** in Solving Business Problems.
- Proficient in Object-Oriented, Reusable Code, Privacy & Security, Data Structures, Memory Analysis.
- Well Versed in **Mathematics** like Algebra, Probability, Statistics, Calculus, Matrix.
- Well Versed in **Statistics** like Numpy, Scipy.
- Well Versed in **Visualization** like Pandas, Matplotlib, Seaborn, Bokeh.
- Well Versed in **Data Science** like Structured & Unstructured Data, Data Cleaning, Data Visualization, Scaling, Smote, Outlier, Data Preprocessing, Hypothesis Test.
- Well Versed in **Machine Learning** like Feature Selection, Linear Regression, Logistic Regression, Regularization, KNN, Naive Bayes, SVM, Decision Tree, Random Forest, Xgboost, PCA, K Means.
- Exposure to key concepts in **Deep Learning** like Optimization, Activation, Loss, TensorFlow, Keras, RNN
- Exposure to key concepts in **NLP** like Stemming, Lemmatization, WordNet, Stop Word, Text Extraction.
- Well Versed in **Python** like Rest API, Flask, Pytest, Pylint.
- Well Versed in **Java, Kotlin, JavaScript Rest API, Node JS, Android.**
- Well Versed in **MYSQL, SQL Server, MongoDB, ElasticSearch.**
- Well Versed in **Docker, Kubernetes, Deployment.**
- Knowledge of different techniques **Heroku, Azure, Spark** and latest trends.

## Technical Skills:

Programming Languages : Java, C, C++, Python, Data Structure, Kotlin, JavaScript, SQL.

Operating Systems : Mac, Windows, Linux.

Tools & Repository : Anaconda, Jupyter, Visual Studio, Pycharm, Android, Eclipse, Git.

## Work Experience:

**Senior MLOps Consultant**(Apr 2020 to present) **IQVIA**- Bangalore, Karnataka.

**Data Science Consultant** (July 2019 to Apr 2020) **Gyansys Infotech** - Bangalore, Karnataka.

**Senior Software Engineer** (Mar. 2018 to June 2019) **High Peak Software Pvt Ltd** - Bangalore.

**Software Engineer** (Nov. 2015 to Feb 2018) **Robosoft Technologies pvt ltd** - Udupi, Karnataka.

## Projects Details:

**MCOS** : Predict Material cost.

### Responsibilities:

- Worked on Exploratory Data Analysis, Model Train & Evaluation, Xgboost, Deployment.

**Foodie Restaurant Search** : Bot Conversation with Humans.

### Responsibilities:

- Worked on NLU, Stories, Model Train & Evaluation, Rasa, Deployment.

**ALR : Predict Prices.**

**Responsibilities:**

- Worked on Exploratory Data Analysis, Model Train & Evaluation, Xgboost, Deployment.

**HR Automation:** HR Automated Joining Form.

**Responsibilities:**

- Worked on Python Docx, Application Deployment, Flask.

**Resource Allocation :** Details of Resource & Utilization.

**Responsibilities:**

- Worked on Exploratory Data Analysis, Bokeh, Flask, Deployment, Azure.

**LendStash :** Predict Book and Not Book.

**Responsibilities:**

- Worked on Keras, TensorFlow, Image Augmentation, Image Resize Convolution, ReLU Layer, Pooling, Fully Connected, Model Train & Evaluation.

**Legal Contract :** Extract Text and Predict Discount Money.

**Responsibilities:**

- Worked on OCR, PDF, Exploratory Data Analysis, Model Train & Evaluation, Xgboost.

**Razorthink AI :** Predict Model Accuracy.

**Responsibilities:**

- Worked on Train, Test Model used **Razorthink AI**.

**Machine Learning Firebase Kit :** App for Predict All Types of Machine Learning on Mobile Device.

**Responsibilities:**

- Implement Recognize Text, Detect Faces, Scan Barcodes, Label Images, Firebase Vision Text, Text Recognition Processor, File, Detect Image, Firebase Vision Image.

**Data Science Hackathon:**

- **Computer Vision** – 399th Rank
- **Banking ML Analytics** – 220th Rank
- **Mobility Analytics** – 201th Rank
- **HR Analytics** – 107th Rank
- **LTFS Fin Hack** – 527th Rank

**Academic Details:**

- Pursuing MS in Data Science from Liverpool John Moore University, UK with 3.6 CGPA.
- B. Tech. (ISE) from Siddaganga Institute of Technology, Tumkur, VTU with 72.7%.
- 12th from Chaurasia Raj Kishore College, Hajipur, BSEB with 70%.
- 10th from Sri Ganga Paswan Harijan High School, Kochas, BSEB with 68%.

**Personal Detail:**

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| Date of Birth     | : | 27-02-1992.  |
| Languages Known   | : | Hindi and English.                                 |
| Permanent Address | : | SGR Dental College, Marathahalli, Bangalore-560037 |