**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.
* Exposure to key concepts in ​**Reinforcement Learning, Time Series.**
* 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, Deployment**​.
* Knowledge of different techniques ​**Heroku, Kubernetes, Azure, Spark**​and latest trends.

**Technical Skills:**

Programming Languages Operating Systems Tools & Repository

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

: Mac, Windows, Linux.

: 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.

**Store Sale Prediction**​**:**​​Sales Forecasting.

**Responsibilities:**

* Worked ​on Exploratory Data Analysis, Model Train & Evaluation, Time Series.

**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 3.7 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 |