**Vivek Kumar**

Systems Engineer, Infosys Ltd

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**Summary:**

I hold 1.5+ years of experience in prototyping end-to-end machine learning and deep learning projects with applications to text analytics using Python (intermediate in R).

**Experience:**

**Infosys Ltd** June 2017 – Present

1. Currently, analyzing existing mapping model of a new Infosys trainee to a technical stream for improvements.
2. Provides consultation to Infosys data analytics team members as well as Infosys client like Goldman Sachs on the forefronts of machine learning, deep learning and data science. Technologies: Python, R, SQL.
3. Analyzed sentiments of Infosys trainees’ feedback data. Delivered improvement areas and feedback questions reformation for next trainees’ batch. Technologies: Python, Pandas, NLTK, gensim, Tableau.
4. Prototyped automated essay scoring model for trainees ranging from feature generation to model selection. Resultant model achieved a performance of **86%**. Technologies: Python, Pandas, NLTK, Scikit-learn.
5. Established an automated platform to verify machine learning solutions for Infosys internal ML certification. Created ML questions, test-cases and dockerization. Technologies: R, Git, Docker, Linux, HTML/CSS

**Training**

Trainee – Infosys Ltd Dec 2016 – May 2017

Research intern – University of Delhi Jan 2016 – June 2016

**Education**

Bachelor of Technology with Honors, **80.37%** | Electronics and Communication Engineering, DIT, UTU 2016

Intermediate/+2, CBSE, **92.40%** 2012

Matriculation, CBSE, **9.8/10** 2010

**Personal projects**

1. Infosys Gauss Hackathon: Sales forecasting of 110 brands using ARIMAX followed with Bayesian optimization.
2. Minors: WhatsApp group chat analysis, call history analyzer and web-scraping e-retail websites.

**Skills**

**ML and DL concepts:** Regression, classification, clustering, bagging, boosting, regularization, ANN, CNN and RNN.

**Technologies and tools**: Python3, R, MATLAB, Oracle SQL, Linux, Windows, Git, MS Office.

**Major libraries**: Numba, Numpy, Pandas, Seaborn, Scikit-Learn, NLTK, Tensorflow, Keras, ggplot2, rvest (web scraping).