In [1]:

```
# -*- Current_Location: Bengaluru, India -*-
# -*- Permanent_Address: S/O- U N Tiwary, Adarsh Nagar, Patna, India -*-
"""
Born on Mar 19 1992
@name: Kumar Vishwesh
"""
Contact_Details = {'Email_Id_and_Skype_Id':'kr.vishwesh54@gmail.com','Mobile':'+91-7358410897'}

Role = ['Data Scientist','Machine Learning Professional','AI Engineer']

Certifications = [{'Name':'Coursera-Neural Networks and Deep Learning',
                   'Instructor':'Andrew_NG'},
                  {'Name':'Coursera-Improving Deep Neural Networks',
                   'Instructor':'Andrew_NG'},
                  {'Name':'Coursera-Structuring Machine Learning Projects',
                   'Instructor':'Andrew_NG'},
                  {'Name':'edX-Machine Learning',
                   'Study_Offered_By':'Columbia University'},
                  {'Name':'Udemy-Data Science, Deep Learning & Machine Learning with Python'}]

Skills = ['Deep Learning','Predictive Analytics','Machine Learning','Statistical Modeling',
          'Natural Language Processing','Data Science','Data Mining','Data Analysis',
          'Data Visulaization','Linear Algebra','Calculus','Probability','Statistics']

#Python Libraries
Data_Analysis = ['pandas','numpy','scipy']
Data_Visualization = ['matplotlib','seaborn','ggplot']
Machine_Learning = ['scikit-learn','statsmodels','pyclustering']
Deep_Learning = ['keras','tensorflow']

#Data Science Toolkit
Data_Analysis_Tools = ['ms excel','google_spreadsheet','knime','tableau']
Data_Database = ['sql','mongo_db']
Data_CodeEditor = ['jupyter notebook','spyder','pycharm']
AI_Framework_n_Services = ['google_analytics','IBM_watson','Microsoft_LUIS','Amazon_Alexa']
Version_Control_n_Agile_Tools = ['github','jira','rally']

#Other tools
Operating_System = ['Ubuntu','windows','MacOS']
Programming_Languages = ['python','java']

#Employment
Employers = {'Accenture_Solutions_Private_Limited':'1 year+',
             'DXC_Technology_India_Private_Limited':'1 year',
             'HCL_Technologies_Limited':'2 years',
             'Infosys Limites':'0.5 year'}

#Relevant Artificial Intelligence Experience
Accenture_Solutions_Private_Limited =[
    {'From':'Jan-2018'},
    {'To':'Present'},
    {'Unit':'Accenture Innovation Hub(R&D unit)'},
    {'Designation': 'Application Development Senior Analyst'},
    {'Project': '''AI Capability- Predictive Analytics:
     Incident prediction tool on log data (from Splunk),
     Prediction of database blocking based on log data(from Splunk),
     case/user segmentation, Prediction of server metrics etc.'''},

    {'Role':[{'Team Size': 3},
            {'Responsibilities':
             ['Development of AI product/assets',
              'Implementing AI solutions to clients',
              'Research and analysis on new tools/technologies']}]},
    {'Technical Skills Gained':
         [{'Tools and libraries used:':'''Scikit learn, TensorFlow,
         Keras, Microsoft LUIS, Statsmodels, Matplotlib, Seaborn,
         Pandas, NumPy etc.'''},
          {'Skills Developed':'''Machine Learning, Deep Leaning
          (Neural Networks), Clustering, Time-Series forecasting,
          Mathematics of ML, Predictive Analytics etc.'''}]}
    ]
```

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DXC_Technology_India_Private_Limited = [
    {'From':'Feb-2017'},
    {'To':'Jan-2018'},
    {'Unit':'PayPal Development Centre(On-Site)'},
    {'Designation': 'Application Engineer'},
    {'Project': '''Intelligent Automation for PayPal India Pvt. Ltd.,
    Development of Machine learning tools for intelligent process automation:
    JIRA automation, Classification of IT support tickets etc.
    Development of modules in Java and python etc.'''},

    {'Role':[{'Team Size': 3},
            {'Responsibilities':
             ['Develop modules and value addition',
              'Process Automation using Machine Learning Techniques',
              'Design and analysis of algorithms']}]},
    {'Technical Skills Gained':
     [{'Tools and libraries used:':'''Apache openNLP, Apache Lucene, NumPy,
    pandas, scikit-learn, matplotlib, NLTK, RAKE, JIRA-Rest API,
    Jersey Java Client, Flask etc.'''},
      {'Skills Developed':'''Machine Learning, Text Classification,
     Search Engine Implementation, Text Parsing & Indexing, Keyword Extraction,
     Shell Scripting, DevOps, Open Source tools, libraries and APIs etc.'''}]}
    ]

HCL_Technologies_Limited = [
    {'From':'Feb-2015'},
    {'To':'Feb-2017'},
    {'Unit':'HCL Innovation Lab (R&D unit)'},
    {'Designation': 'Software Engineer'},
    {'Project': '''Research Project on Natural Language Processing.
     Summarization of Text articles: Frequency based approach,
     Clustering and vector space model-based approach.
     Text Analytics Tool: Categorization using neural word embedding (word2vec),
     ML classification algorithms. Entity recognition, sentiment analysis,
     recommender system etc.
     Providing developed tools as a service.Voice based Chatter Bot(Chatbot),
     Amazon Alexa, AWS Lambda, Intent Mapping, Session handling etc.'''},

    {'Role':[{'Team Size': 2},
             {'Responsibilities':['Feature addition to the project based on AI',
                                  'Building machine learning capability']}]},
    {'Technical Skills Gained':
     [{'Tools and libraries used:':'''Apache OpenNLP, Apache Tika, Apache Lucene,
     Apache Solr, Carrot2 (Document Clustering Java library),Amazon Alexa,
     Deeplearning4J(DL4J), AWS Lambda, AWS Elastic Beanstalk,Jersey Client etc.'''},
      {'Skills Developed':''': Core Java, Natural Language Processing (NLP),
      Machine Learning, Vector Space Model, Linear Algebra, Data Mining, Text Analytics,
      Feature Extraction (word2vec, TF-IDF etc.), Text Summarization, Q&A System,
      Chatter Robot (CHATBOT), Unsupervised and Supervised ML algorithms,
      Restful Web Service and Client, Amazon Alexa Skill etc.'''}]}
    ]

#Training Experience
Infosys_Limited = [{'From':'July-2014'},
                   {'To':'Dec-2014'},
                   {'Unit':'Global Education Centre'},
                   {'Designation': 'System Engineer Trainee'},
                   {'Skills Developed':'''OS, Data Structures, Algorithms, OOPs, Java,
                    SQL, HTML, JavaScript'''}]

Education = [{'Degree':'Bachelor of Engineering(Electronics and Communications)',
             'Institute':'Lakshmi Narain College of Technology,Bhopal',
             'University':'RGPV, Bhopal',
             'Year_Of_Passing':2014,
             'Marks':'67.30%'},

             {'Degree':'Intermediate (12th)',
              'Institute':'Kendriya Vidyalaya, Patna',
              'Borad':'CBSE','Year_Of_Passing':2009,
              'Marks':'64.00%'}]

Interests = ['Spending quality time with friends', 'listening to ROCK songs']
Languages = {'English':'Proficient','Hindi':'Proficient'}
```