**RESUME**

**Shekhar Tiwari**

Data Scientist/Developer

Data Science Mentor & Lead Trainer @UpGrad

Deep Learning & Machine Learning Certified

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**Objective**

Seeking a fulfilling position as data analyst and support of all IT Needs that offers growth opportunities and allows me to utilize my leadership skills and experience.

**Roles and Responsibilities**

**Current Role:** Data Scientist / ML Developer

**Technical Skills**

R, Python ( Numpy, Pandas, ScikitLearn,nltk,tensor flow and keras), Artificial Intelligence, Deep Learning, Machine Learning, Data Analytics, Natural Language Processing ,Powershell Scripting, Azure Machine Learning Studio , AWS Sagemaker, AIP Scanner.

**Experience**

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| Total Experience | 4.8 Years |
| TCS Experience | 16/11/2015 to present |

**TCS Experience Summary**

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| Project | Component Engineering Group(TCS Internal) (7 Months) |
| Technical Skills | Java, Machine Learning |
| Description | * Developed analytical tool for TCS Internal * Developed Machine Learning algorithms such as Decision Tree, Regression etc for the internal tool. |

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| Customer | National India Assurance (4 Months) |
| Technical Skills | Machine Learning, R , aNutva analytical workbench |
| Description | Worked on NIA data and performed data cleansing, modeling and validation for insurance data with the help of machine learning algorithm like K-means clustering, Logistic Regression,CHAID by using TCS internal analytics tool “aNutva”. |

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| Project | Hi-Tech, Digital Enterprise Transformation (2.5 Years) |
| Technical Skills | R, Python, Machine Learning ,Deep Learning, Natural Language Processing , Azure ML Studio, AWS Sagemaker |
| Description | * Document and Text Classification * Image Classification & Character Recognition * Property price Prediction for Real Estate Data * Deep learning project to develop a Chatbot to get cognitive capability. * Eurovision voting prediction for singing competition with keras. * Facial key feature detection using Convolutional neural network in keras. * Intent matching in two sentences using LSTM in keras. |

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| Customer | HitachiCapital (5 months) |
| Technical Skills | Powershell Script, Azure AIP |
| Description | This project is based on GDPR compliances . Worked on the unstructure data and perfomed data discovery , data classification and applied retention rules to delete the data .Used Powrshell scripting and azure information protection Scanner to perform discovery and classification. |

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| Customer | Bayer (6 months) |
| Description  (Python) | Developed Name entity tagger on ConLL2003 data using bidirectional long short term memory model (BLSTM) and achieved good accuracy. |

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| Project In Master Of Technology | Recommender System For Mobile Application |
| Description  (Java) | Mobile phones have evolved from communication to multi-purpose devices that Assist With applications in various contexts and tasks. The size of the mobile ecosystem is steadily Growing and new applications become available every day. This increasing number of Application makes it difficult for end-users to find good application. Recommender systems Suggesting mobile applications are being built to help people to find valuable application. |

**Certifications and Awards**

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| **Title** | **Acquired On** | **Provider** |
| Deep Learning: Application in Vision, Speech and Text | 31/07/2017 | Videoken |
| Data Analytics | 12/02/2017 | TCS Internal |
| Deep Learning Foundation | 18/03/2017 | TCS Internal |
| CLP Faculty Award | 24/11/2017 | TCS |

**Education Summary**

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| **Qualification** | **Subject** | **Percentage/Grade** |
| Master of Technology | Artificial Intelligence | 7.14 |
| Bachelor Of Engineering | Computer Science And Engineering | 7.34 |
| Standard Xii / H.S.C. | Mathematics | 85.3 |
| Ssc | Others | 89 |

**Workshop and Seminars**

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| 1) Prominent speaker of IEEE conference (AHCSSC) and Delivered a lecture on IEEE conference “Demystifying Artificial Intelligence and Blockchain” 5th to 7th Jan 2018. |
| 2) Delivered Technical Talks in TCS on Machine Learning, Deep Learning and Microsoft Azure ML Studio |
| 3) Speaker at Two Day National Seminar on “Data Sciences” on 23rd Feb 2018, VR Siddhartha, Vijayawada, Andhra Pradesh. |
| 4) Speaker at Two day national level workshop on Big Data: Challenges and Opportunities by department of CSE, VVIT Guntur; sponsored by Department of Science & Technology, New Delhi. |
| 5) Speaker at Two day workshop on Deep learning and R programming in VR Siddhartha engineering college, Vijayawada, Andhra Pradesh. |