

# Akhilesh Kumar Gangwar

DATA SCIENCE · MASTER'S STUDENT

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## Education

### Uoh(Central University of Hyderabad)

M.TECH IN ARTIFICIAL INTELLIGENCE (CGPA- 8.21)

- Pursuing Artificial Intelligence and Data Science skills during Master Course

Hyderabad, India

July. 2017 - PRESENT

### CUSAT(Cochin University of Science and Technology)

B.TECH IN COMPUTER SCIENCE AND ENGINEERING (GPA- 7.42)

Kochi, India

July. 2012 - June 2016

### SKIC(Shri Krishna Inter College)

INTERMEDIATE (PERCENTAGE- 79.6)

- Board of High School Intermediate Education, Allahabad, U.P

Bareilly(U.P), India

July. 2008 - June 2010

### Jesus Mary Higher Secondary School

MATRICULATION (PERCENTAGE- 73.33)

- Board of High School Intermediate Education, Allahabad, U.P

Bareilly(U.P), India

July. 2007 - June 2008

## Experience

### Travelyaari,Mantis Technologies Pvt. Ltd

SOFTWARE ENGINEER

- Implemented and worked on Central reservation System project
- Improved functionality and develop the SQL queries and maintain the data base
- Work on debugging skills and also learned data science applications

Bengaluru,Karnataka, India

April. 2017 - Exp. July. 2017

## Fields Of Interests

Natural Language Processing, Deep Learning, Machine Learning, Predictive Analytic, Text Processing,Data structure, Algorithm Design

## Projects

### Novel Deep Learning Approaches in Finance (Research Project)

M.TECH THESIS (GUIDE: [PROF. DR. V. RAVI](#), INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY)

- Working on natural language processing using Deep learning
- Working on Generative Adversarial Networks(GANs) and for optimization Evolutionary computation
- Will use parallel computing platform and application programming interface (API) model CUDA for GPU
- Will use Cuda C programming, Python and scikit learn,Deep Learning libraries

IDRBT, Hyderabad

May.2018 - present

### Polish companies bankruptcy Prediction

INDEPENDENT PROJECT

- Worked on UCI ML Repository polish Data Set
- Use SMOTE for oversampling,Restricted Boltzmann Machine for Dimensionality Reduction
- Classification Task, SVM, Random Forest,Ensemble Model

Uoh, Hyderabad

June. 2018- Present

### Titanic: Machine Learning from Disaster

INDEPENDENT PROJECT

- Worked on Kaggle's Titanic Problem data set
- Exploratory Data Analytics,Data Imputation, Feature Selection , Dimension Reduction
- Classification Task, SVM, Random Forest,Ensemble Model

Uoh, Hyderabad

Feb. 2018- March. 2018

### Predict Quora Question Pairs Meaning using NLP in Python

INDEPENDENT PROJECT

- Worked on quora data set
- Used the classification task , text processing

Uoh, Hyderabad

Dec. 2017- Jan. 2018

## Credit Card Default Prediction

M.TECH BDA COURSE PROJECT (GUIDE: [PROF. DR. V. RAVI](#))

- Worked on Credit card data set, Apply classification tasks
- Used the dimension reduction and feature selection techniques, SVM, KNN, Randomforest, Logistic Regression, Ensemble methods

*Uoh, Hyderabad*

*Aug. 2017- Oct. 2017*

## Market Basket Analysis

M.TECH BDA COURSE PROJECT (GUIDE: [PROF. DR. V. RAVI](#))

- Worked on market basket data
- Used the FP growth, Association rule mining

*Uoh, Hyderabad*

*Aug. 2017- Oct. 2017*

## Recommender System using collaborative filtering

B.TECH MAJOR PROJECT (GUIDE: [PROF. V.DAMODARAN](#))

- Personalize recommendation list and recommending the most appropriate items to the users based on ratings and past history of purchases
- Use the user-user based collaborative filtering method

*CUSAT, Kochi*

*July. 2015- April. 2016*

# Relevant Course

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## M.Tech AI Courses

BUSINESS DATA ANALYTIC, ADVANCE ALGORITHM, MACHINE LEARNING SYSTEM, NEURAL NETWORK, COMPUTER VISION

## B.Tech CSE Courses

DATA STRUCTURE, ALGORITHM, DATABASE MANAGEMENT SYSTEM, OPERATING SYSTEM, COMPUTER NETWORK

# Technical Skills

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## Data Science Skills

MACHINE LEARNING, DEEP LEARNING, PREDICTIVE ANALYTIC, TEXT PROCESSING, NATURAL LANGUAGE PROCESSING, DATA STRUCTURE, ALGORITHM

## Programming Skills

C, PYTHON, SQL

# Extracurricular Activity

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## INVESCO HACKATHON

24 HOUR HACKATHON, PARTICIPATED AND ACHIEVED SECOND HIGHEST ACCURACY

- Worked on 3 GB data set for classification task
- Data wrangling, Data Merging
- Used Classification model

*Hyderabad*

*Oct 2017*

# Personal Details

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**Date of Birth :** 20/July/1993

*Permanent Address*

*near chote lal school, mo Gulshan nager,  
Nawabganj, Bareilly Uttar  
Pradesh (262406)*

**Language Known :** Hindi, English