

Shahul Es



24 January 1998



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Education

B Tech Computer Science &
Engineering | Govt. Model
Engineering College | 2020 |
GPA:8/10

Class XII
Jama-ath Residential Public School |
2016 | 91%

Skills

Languages: C, Python, SQL, Basics of
Java,C++

Data analytics : Exploratory data
analysis (Matplotlib, Seaborn, Plotly,
geopandas)

Data Science : Predictive analytics,
data mining, preprocessing, feature
engineering, modeling & prediction,
ensembling, PCA, SVD, LDA, t-SNE,
NLP, Classification, Regression,
clustering

Deep learning : Neural Networks,
CNN, LSTM, RNN , Unet , YOLO
Machine learning APIs : Keras,
TensorFlow, Scikit-Learn, NumPy,
SciPy, Pandas, NLTK

Operating Systems : Unix, Windows
Certifications: Data Science
Specialization by University of
Michigan
Deep learning Specialization by
Deeplearning.ai

Extra-Curricular

Lead Organizer & Speaker @ School
of AI,Kerala

- Organized talks & workshops
- Brought industry professionals and
experts to guide students

Head of Analytic and Strategic team
@ Excel 2019 & Govt. Model
Engineering College

- Gained Valuable insights from data
- Applied it to publicize fests

Work Experience and Internships

Since Aug'19 Data Scientist

Concepts.ai, Trivandrum

Build Reciprocity Recommendation Engine for Dating website.I was
responsible for creating core algorithms that power the recommen-
dations.I was also responsible for doing Exploratory data analysis to
gain valuable insights from data.

Technologies used : Python,ML tools,nltk

Apr-Jun'18 Application developer

Fourth-Ambit,Ernakulam

Worked as an application developer in Alumni-Reach project which
aims to build a platform that collects and displays achievements of
college Alumni.

Technologies used: Python,Mongo db,Node.js

Research and Projects

May-Jun'19 DSFG: City of LA

Data science for good, City of LA was an analytic competition
launched in Kaggle by City of LA mayor. The task was to clean and
analyze the data provided to improve work quality and promotion sys-
tem of Los Angeles. Solution earned a gold medal and remains as the
most up voted notebook for the competition.

Technologies used : Python, Matplotlib,seaborn, nltk, NumPy.

Jun-Aug'19 Tackling class imbalance

In IEEE fraudulent transaction detection challenge, I took over the
task to balance the imbalanced data-set and provided and exhibited
various methods and their effect on the evaluation metric.

Technologies used : scikit-learn,SMOTE,imblearn

Jul-Aug'19

Understanding Clouds patterns from Satellite images

In this project my aim was to remove haze from climate models and
bring clarity to cloud type identification. Implemented Mask R-CNN
and Keras Unet segmentation models.

Technologies used : Keras Unet,Mask R-CNN

Apr-May'19

Zomato EDA and LSTM model

Done an Exploratory data analysis on Zomato Bangalore data using
geospatial analysis. Cleaned and prepossessed restaurant reviews
and did sentimental analysis on it using LSTM network.

Technologies used : plotly,nltk,LSTM

Achievements

Kaggle Expert 2x

Became the first kaggle double tier expert from the state of Kerala

Ranked in Kaggle top 100

Ranked as 55th in Kaggle World wide ranking system.Out of 100k
users.

MOOCs

MOOCs

Applied Data science specialization by University of Michigan .Com-
pleted 4 out of 5 courses.

Currently pursuing final course of Deep Learning Specialization on
Coursera.Successfully completed 4 out of 5 courses of this special-
ization.

References

<https://www.kaggle.com/shahules>

<https://github.com/shahules786>