

Shivam Choudhary

Microsoft Certified Azure Data Scientist



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WORK EXPERIENCE

Software Development Engineer

Infosys Ltd.

Sept-2019 – Dec-2020

- ✦ Whole project is about digitization of legacy Paper recipes for modern MES system to be migrated and implemented.
- ✦ Designed and implemented data processing program which will extract data from different sources and generate structured data.
- ✦ Responsible for Data cleansing, EDA and creation of NLP, ML model on top of that data.

PERSONAL PROJECTS

Spam Classification using NLP deployed on Azure

- ✦ End-to-End implementation of Natural language processing model which take text and predict whether it is spam or not. Built using python deployed on Azure, using Flask micro framework
- ✦ Code: <https://github.com/Shivam2017/spamsms>

Malicious URL Detector using Lexical Feature

- ✦ Used Lexical Feature of URL to create machine learning model, compared accuracy with three different ML algo: Logistic Regression, Decision Tree, Random Forest. Got descent accuracy with Ensemble Technique.
- ✦ Code: <https://github.com/Shivam2017/Malicious-URL-Classifier>

Deep Learning Image Classification

- ✦ Developed image classification model using transfer learning technique (ImageNet, VGG16, VGG19) to reduce the learning time of model and provide better accuracy.
- ✦ Code: <https://github.com/Shivam2017/DLApplication>

EDUCATION

Bachelor of Computer Application

West Bengal University of Technology

07/2016 - 06/2019

CERTIFICATIONS

- Microsoft Certified Data Scientist
- Microsoft Certified Python Programmer
- Microsoft Certified Azure AZ-900, AI-900, DP-900
- Oracle Certified Cloud Infrastructure Associate
- Infosys Certified ML Professional
- Infosys Certified IOT Professional
- Infosys certified NLP Professional

SKILLS

Data Wrangling

Data Cleansing

Data Visualization

Statistical Analysis

Data Driven Problem Solving

Machine Learning: Linear Regression, Logistic Regression, Support Vector Machine, Naïve Bayes, KNN, Decision Tree, Random Forest, Ensemble Technique

Deep Learning: Artificial Neural Network (ANN), Convolutional Neural Network (CNN), Recurrent Neural Network (RNN), Long- Short Term Memory (LSTM)

Libraries: Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Tensorflow, Keras, NLTK, Spacy

Tools: Jupyter Notebook, Spyder, Google-Colab, Pycharm, Git, PGAdmin, Eclipse

COURSES

Machine Learning by Andrew NG

Supervised, Unsupervised, Reinforcement Learning

Deep Learning by Andrew NG

Convolutional Neural Network (CNN), Recurrent Neural Network (RNN)

Microsoft Azure by Microsoft Trainer

Az-900, DP-900, AI-900(Cloud Foundation)
DP-100(Data Scientist Associate)

LANGUAGES

Python	●	●	●	●	○
C++	●	●	●	○	○
SQL	●	●	●	●	○
PostgreSQL	●	●	●	○	○