

# Shivam Choudhary

Microsoft Certified Azure Data Scientist



✉ shivamchoudhary2014@gmail.com

📍 HYDERABAD

🌐 [github.com/Shivam2017](https://github.com/Shivam2017)

📞 8240805244

in [linkedin.com/in/choudhary-shivam](https://www.linkedin.com/in/choudhary-shivam)

🌐 <https://shivam2017.github.io/portfolio/>

## WORK EXPERIENCE

### Data Science Associate

Deloitte USI.

📅 Jan-2021 – Till date

- ✦ Project is all about application **modernization** of one of the world largest health provider client, reduced **latency** to double digit metrics.
- ✦ Responsible for **development** and **unit test** of a web services (Data-access layer), python-based services (Microservices), deployed on **Kubernetes** cluster.
- ✦ Work with cross functional Teams to ensure proper working of endpoint developed (RESTful API)
- ✦ **Domain:** Health Care
- ✦ **Technology used:** AWS, mongoDB, Flask, python, RESTful, GraphQL, Pytest, Docker, Kubernetes

### 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.
- ✦ **Domain:** Bio-Pharmaceutical
- ✦ **Technology used:** Azure, Python, PostgreSQL, Machine Learning, NLP

## 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.
- ✦ 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-Classifer>

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>

## SKILLS

Data Wrangling

Data Cleansing

Data Visualization

Statistical Analysis

Data Driven Problem Solving

Multi Cloud Provider

## TECHNICAL SKILLS

- **Languages:** Python, Java
- **Frameworks:** Flask, Pytest
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud:** Azure, AWS, Docker, Kubernetes
- **Operating Systems:** Linux, Windows
- **IDE:** VSCode, Spyder, PyCharm
- **Tools:** Git (Bitbucket & Github), Google Colab, Postman, PGAdmin

## CERTIFICATIONS

- Microsoft Certified Data Scientist (DP-100)
- Microsoft Certified AI-Engineer (AI-100)
- Microsoft Certified IOT Developer (AZ-220)
- Microsoft Certified Python Programmer
- Microsoft Certified Azure AZ-900, AI-900, DP-900
- Oracle Certified Cloud Infrastructure Associate

## EDUCATION

**Bachelor of Computer Application**

**West Bengal University of Technology**

 07/2016 - 06/2019

## ACHIEVEMENTS

- Received “INSTA Award” in Engineering Services (Infosys Ltd) for implementing data processing solution in short time period
- National Finalist of the “CLIMATE LAUNCHPAD” organized by European Union.