

# SHIKA SHYAM

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## EDUCATION

### NORTHEASTERN UNIVERSITY

*Master of Science*

GPA : 3.706/4.0

Relevant Coursework: Data Management and Database Design, Data Science Engineering Tools and Methods, Big Data Systems and Intelligence Analytics, Application Engineering and Design

Boston, MA

Expected May 2023

### VELLORE INSTITUTE OF TECHNOLOGY UNIVERSITY

*Bachelor of Technology*

Relevant Coursework : Data Structures & Algorithms, Data Mining & Data Warehousing, Management Information Systems

GPA : 3.99/4.0

Vellore, India

May 2018

## KEY SKILLS

**Programming Languages** : SQL | C | Python | Java | C++ | HQL

**Databases** : Oracle SQL | Oracle 12g | PostgreSQL | MySQL | Hive | HDFS

**Data Integration and Business Intelligence Tools** : Oracle Data Integrator | PowerBI | Tableau | Excel

**Machine Learning** : Data Exploration | Keras | TensorFlow | scikit-learn | PyTorch | CNNs | Neural Networks | SHAP

**Cloud Technologies and others** : GCP | Microsoft Azure | GIT | Agile Methodologies | Azure DevOps

**Soft Skills**: Business Acumen | Critical Thinking | Empowering Leader | Excellent Communicator

## PROFESSIONAL EXPERIENCE

### DELOITTE CONSULTING (US OFFICES OF INDIA)

*Consultant*

Bengaluru, India

May 2021 - August 2021

- Applied honed problem-solving skills to analyze and resolve issues impacting business operations and goal achievement as System Integration testing SPOC and **enforced Quality Control** with average **turnaround time of 5 hours**
- Collaborated closely with Data ingestion and testing teams to design and develop robust data driven solutions to meet client requirements for **functionality, scalability and performance for 4 use cases**
- Spearheaded a **4-week** intensive program to get **30+** project colleagues get certified in **Azure and Oracle cloud** technologies
- Led the team of **18 developers** as interim **scrum master** for **8 weeks** adhering to **Agile methodologies** and maintaining sprint documentations and conducting agile ceremonies.

### DELOITTE CONSULTING (US OFFICES OF INDIA)

*Business Analyst*

Bengaluru, India

August 2018 - April 2021

- Designed and implemented Data pipelines using **Oracle Data Integrator**, integrating various data sources and creating a Data Lake for a US Power and Utilities client **eliminating legacy multi source data sources**
- Documented Business Processes and analyzed procedures to align technical requirements with Business strategy during **Data Requirement and Data Assessment** sessions with clients and other stakeholders **lasting 8 weeks**
- Implemented standardized **agile delivery artifacts** in an internal firmwide project across the Strategy and Analytics vertical and brought about significant **profit margin uplift for 5 large accounts**

## RELEVANT PROJECTS

### SIGN LANGUAGE DIGIT CLASSIFICATION USING CNN

*Python | Deep Learning | Keras | Tensorflow*

Boston, MA

November 2021 - December 2021

- Classified images of sign language digits using CNNs in **Keras** framework and compared impact on accuracy by tweaking hyperparameters of the CNN achieving an **accuracy of 97%**

### NLP CHATBOT ON PYTHON

*Python | GCP | Google Functions | Dialogflow*

Bangalore, India

February 2020 - March 2020

- Conceptualized a Python program to read PDF Incident reports, perform **Text analytics** and tabulates interesting data
- Built a Dialogflow chatbot trained to answer questions on reported incidents in **under 2 seconds**

## CERTIFICATIONS

- Certified **Microsoft Azure Data Engineer Associate**
- **Deep Learning Specialization** by Coursera