

Niharika

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CARRER OBJECTIVE

Seeking for an opportunity to work in the field of Data Science so as to help customers across various organizations to derive insights from their data by leveraging AI and Machine Learning techniques.

PROFESSIONAL SUMMARY

- 3 years of experience in IT industry, Data Analytics and Data Science.
- Currently working with Infosys Limited, in Bangalore as Senior Systems Engineer.
- Responsible for creating various Machine Learning models to achieve good accuracy and developing insights from the data
- Responsible for data analysis, visualization, pre-processing and post-processing using python.
- Experienced in writing SQL queries to pull and query data from database.
- Experienced in understanding client's requirements and objectives of the project.
- Proven team player with an analytic mind bent to problem solving and delivering solutions.

Professional Experience

Senior Systems Engineer	Infosys Limited	Oct'2020 – Present
Systems Engineer	Infosys Limited	Mar'2019 – Sep '2020
Systems Engineer Trainee	Infosys Limited	Sep'2018 – Feb '2019

QUALIFICATION

B. Tech Electrical	2014-2018	JSS Academy of Technical Education	71%
12 th	2012-2013	Sunbeam School	86%
10 th	2010-2011	St. Johns D.LW.	91.7%

TECHNICAL PROFICIENCIES

Languages: Python, SQL, JAVA

Tools: Spyder, Jupyter, pgAdmin, Eclipse

Functional Skills: Data Analysis, Building Machine Learning and Deep Learning Models, Validation, Data Visualization

SELECTED ACHIVEMENTS

- Achievers Award 2021: Recognition for an outstanding resource, excellent team player and technically proficient.
- Recognition and awarded for earning 21 badges in CARVE Enculturation event by EdgeVerve.

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PROJECT EXPERIENCE

PROJECT 1: Identifying intents and entities in various domain contracts.

Client: Broadcom Corporation

Business Objective: Identifying and extracting various intents/clauses and entities from legal documents using Deep Learning Models for different domain contracts. Creating knowledge base on extracted intents and entities which was used for querying and visualizing the data. Thus, deriving important insights from the data and thereby preventing losses and eliminating contract inefficiencies.

Duration: Jun'2020-Till Date

Technology Used: Machine Learning, Deep Learning, NLP

Tools and Languages: NIACA, Python, SQL

Responsibilities: -

- Training Deep Learning models for various intent classification.
- Testing the model efficiency by validating metrics and increasing its accuracy by hyperparameter tuning.
- Writing Python scripts for post-processing of data to convert into client consumable format.
- Writing SQL queries to pull data from database for visualization thereby deriving key insights from the data.
- Development for various python snippets for building end-to-end orchestration pipeline.

PROJECT 2: Identifying Legal Clauses in Employment and Settlement Contracts

Client: Infosys Global Legal UK

Business Objective: Identifying quantifiable information from employment and settlement contracts in form of intents and entities by leveraging machine learning techniques to gain insights from the contracts.

Technology Used: Machine Learning, Deep Learning, NLP

Tools and Languages: NIACA, Python, SQL

Duration: June'2019-May'2020

Responsibilities: -

- Training Deep Learning models for classifying various clauses via Deep Learning Models.
- Validating the models by evaluating metrics and choosing the model to be used for prediction of unseen data.
- Writing Python scripts for pre-processing and post-processing of data
- Responsible for validating NER entity tagging to ensure proper training and prediction of entities from clauses.
- Writing SQL queries to pull data from database for post-processing the data as per Business requirement.

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PERSONAL INFORMATION

- Date of Birth: 4th January,1995
- Nationality: Indian
- Gender: Female
- Marital status: Unmarried
- Languages known: English and Hindi

Place: Bangalore

Signature: Niharika