

Software Developer | Python |4.4 years of experience

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Summary:

- Having around 3.1 years of experience as python developer in total 4.4 years of IT industry.
- Currently working as python developer **IRIS DIGITAL TECHNOLOGIES LIMITED.**
- Hands on experience in python data types like Lists, string, Tuples, set and Dictionaries.
- Having good experience in Pandas, numpy and several modules like date, time, math, os and sys
- Having good knowledge in advanced topics like iterators, generators, regular expressions, Exception Handling, File Handling and Logging Module
- Having good knowledge in oops concepts like creating classes, inheritance, encapsulation and polymorphism.
- Having good knowledge in AWS and Putty
- Having good experience in writing query in SQL
- Having good experience in Matplotlib, Seaborn libraries.
- Good in understanding business logic and ability to work as part of a team and as an individual.
- Strong analytical, communication and problem-solving abilities.

Technical Skills:

Python developer.

Languages : Python and MSSQL

Tools : Pycharm, SQL studio, ServiceNow, Putty, WinScp, Jupiter, Visual studio

Education Qualification:

Master of Technology with the aggregate of 74% in the branch of Robotics in SRM University

Profession Experience:

Currently working as Software engineer at **IRIS DIGITAL TECHNOLOGIES LIMITED.** From 16/05/2018 to till date.

Python Projects:

Project Name : Radiology Speciality

Tools : VScode, Jupyter Notebook, Pycharm, GIT, SQL Server

Roles and Responsibilities:

1. This project is all about building an AI tool to automatically predict the medical codes for the Radiology speciality.
2. The input will be in the HL7 format, as part of data analyst role we will convert hl7 format to json using python datatypes, regular expressions and pandas.
3. The final output is in the json format with key-value pair which will be provided to Data scientist to predict the model.
4. From the finaljson we will extract the demographic details of patient and insert into database which will be utilized in front end.

Project Name : ED speciality

Tools : Jupyter Notebook, Pycharm, GIT, SQL Server .

Roles and Responsibilities:

1. The input from the client will be in the pdf format which will be converted to ocrjson from ocr team.
2. As part of Data Analyst role we will convert the ocrjson to structured json as per the business requirements using Data types, Regular expressions, Pandas and will insert the json into DB which will be utilized from Data scientist to predict the model.
3. The ocrjson which we get it from OCR team may have the words incorrect to recorrect those words we have applied fuzzy logic in our component.
4. From the json extracting all the patient demographic details using regular expressions and inserting into DB which will be utilized in the front end.
5. Developed the Outputjson component by taking the coders coded values from the DB and creating the json as per the client expectations and integrated it into the nifi flow.
6. Developed the accuracy component for the code comparison where we are comparing the coders coded codes with predicted codes and deployed into the nifi flow.