BHARAT P KUNDAPUR

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Career Objective:

Extremely passionate as Python Developer/ Data Analyst. Eager to gain experience in a wide range of domains. Strongly believe working in ambiguity, passionate and curious about data and research. Obsessive learner and I focus on building great teams.

I endeavor to seek a challenging position in the field of ANALYTICS, as a Data Analyst to utilize my skills for the organization as well as for individual growth. Browse my portfolio and discover the creative side of my being.

Professional Summary

- 4.2 years of experience as a Python Developer.
- Experience in creating Microservices .
- Experience in creating REST API's to serve data to cross-platform applications using python Flask-Restful.
- Experience in Object-relational mapping (ORM)
- Experience in web scraping or web data mining using BeatifulSoup and Selenium python modules.
- Experience in Data Analytics and Data Mining using Python programming language.
- Experience in applying Natural Language Processing and Machine Learning techniques to perform analytics and yield Insights on unstructured data.
- Experience in Python web framework Flask.
- Experience in SQL and NoSQL databases, such as POSTGRESQL and MongoDB respectively.
- Working experience in Agile Methodology using tools like Jira and Jenkins.
- Experience in using the source control system tool such as **GIT.**

- Experience in handling six projects from the core in the Current organization.

Technical Skills:

Programming Language	**Python 2.7 and 3.x**
Primary skills using Python	Text Analysis, Data mining, Information Retrieval, Web Scrapping, Text mining, Data Warehousing, Data Exploration, Data wrangling, Elasticsearch.
Microservices Engine using Rest-Api's	Flask restful
Desktop Application Engine	PyQt5
Databases	MongoDB, POSTGRESQL, MS-SQL, MYSQL
Object Relational Mapper (ORM)	Sqlalchemy and flask Sqlalchemy
Methodologies and SC Repository	Scrum based Agile, Waterfall and GIT respectively.
Web Technologies	HTML, CSS, Basic JavaScript, Bootstrap Framework.

Employer details:

Organization	Designation	Duration
Aroha Technologies	Data Analyst	June-2015 to Till Date

Project #6: Otaras

Problem Statement:

Otaras is a product for financial advisers Which has more than 500 financial advisers working together to taking care of all kind of industrial financial aspects all over the USA .though it is a production application already . they wanted a quick fix on Elastic search part on their global search engine.

Solution Description:

The elastic search was a difficult task for them to take care because they had millions of files sitting in S3 bucket needed to be indexed and made it available for elastic search engine , i gave a optimized solution using python more of real time one where they can just get it done in a single trigger .

Assigned resources: 1

Technologies: Python, FLASK, Boto3, Multiprocessing, Elasticsearch.

Project #5: Resume Parser (Ongoing)

Problem Statement:

Human resource team in the current organization receives thousands of CV/Resumes for various job openings every month and they follow conventional method of storing all CV/Resume in a physical folder.

When there is a new requirement for a job role, he or she (HR) need to search matching profile for the requirement manually among thousands of CV/Resumes, which is very much time-consuming and sometimes may result in choosing mismatching profiles.

Solution Description:

We gave a solution with Resume Parser to automate the storage and analysis of CV/Resume data, it takes doc, docx, and pdf formatted files as input then segregates the information into various fields and parameters like name, qualification, experience and skills to quickly help recruiter to identify the most relevant resumes based on your criteria, As each resume is parsed, the program searches for these terms and words and brings the recruiters relevant resumes and applicants. So instead of looking through dozens of hundreds of thousands, this technology sorts and searches them for the recruiter, which saves recruiters hours of work by eliminating manual processing of each job application and CV they receive.

Assigned resources: 2

Technologies: Python, FLASK, Natural Language Processing (NLP), Machine Learning, POS tagging, Information extraction, Document Matching and Scoring, MongoDB and PostgreSQL for storage, HTML, CSS, JavaScript, Bootstrap Framework.

Project #4: New Jersey Web Scrapper

Problem Statement:

New Jersey Web Scrapper is a service we provided for an X political party in the USA. Where their data resided in more than 75 websites in completely unstructured manner, they ware following manual method to consolidate required data from all those web pages which requires a

lot of time and recourses. They needed a solution where they can get all those data in a single click.

Solution Description:

In NJ scrapper project we have given a much-optimized solution by automating their whole manual process using our technologies. We created an application where it runs every week and mines all the required data from all web pages and structures the data based on requirement compare the same with old data and verify the same. Then it pushes verified data to storage which can be fed into any third-party applications as they are needed.

Assigned resources: 1

Technologies: Python, Web scrapping (using BeautifulSoup4 Python wrapper), Text mining, Selenium Python module for the Dynamic web pages, DeepDiff v 3.3.0 module to compare new with old data.

Project#3: Mapping Master

Problem Statement:

We know that every organization follows different way generating employee timesheet and invoice files, our client was facing problem in consolidating data from the timesheet and invoice files they receive from different organizations and it was consuming much time for them. They wanted a solution where they can map data with the target and consolidate all data in a predefined format.

Description:

We created kind of ETL named Mapping master which takes CSV, XML and JSON client files as input and transforms them as per the client's need then loads the output files into the storage from where the client can download them easily in CSV, XML and JSON formats.

Assigned resources: 1

Technologies: Data Analytics, file handling, HTML, CSS, JavaScript, POSTGRESQL for storage.

Project#2: SMA Tool

Description:

It is a tool based on social media analytics, In this application, we crawl through social media like Facebook and Twitter using legitimate ways of programming and scrap the data for corresponding users in their public pages then predict some business aspects to help our clients in making better business decisions.

Assigned resources: 2

Technologies: Data Analytics, Text mining, Twitter and Facebook API's.

Project#1: Automation of E-directory (Web Scrapper for Middlesex County):

Problem statement:

In Middlesex County government website, they display municipal level, county level, state level and federal level data to help citizens of Middlesex County to find contact and other information of all Elected officials, to consolidate contact information, designation, official name, committee assessment, phone and email from more than 150 websites they ware following conventional manual method. They wanted a solution where they can consolidate all required data in their fingertips and use them on their website.

Description:

We gave them a solution considering more than 150 web pages as our data source. And consolidated contact information, designation, official name, committee assessment, phone and email from Webpage's by automating web data mining from those WebPages this process also involved cleaning, normalization of data. Then formatted data was pushed into the database from where we provided REST API's for our client to consume data and display the same on their website.

Assigned resources: 2

Technologies: Python, BeautifulSoup, Text mining, data Analytics.

Education Summary:

- Have a master degree in computer science from **Amrita Institute of Technology,** with **7.4 GPA.**

Have successfully implemented a research project during the course. Participated and presented my research paper in an International Conference on Advances in Applied Engineering and Technology and also paper has been published in ICAAET-2015 Journal with the title **Customization and Visualization of DBSCAN Algorithm for Demographic Analysis**

Personal Details:

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