

Rahul Singh

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Career Objective:

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

Career Summary:

- Having more than 2 years 3 months of rich and progressive experience as Python Developer in Data Science/Deep Learning/Core Python/Python GUI.
- Complete knowledge of development methodologies and processes involved in Agile/Waterfall Software Development Model.
- Involved in projects in various domains including Banking, Insurance, and healthcare.
- Good experience and knowledge in Core Python/OOPS concepts and Python web frameworks such as Django and Flask.
- Experienced in version control and source code management tools like GIT and TFS.
- Familiar with Object Relational Mapper (ORM) libraries.
- Also having good experience and knowledge of front-end technologies such as JavaScript, HTML5, CSS3, jQuery, Bootstrap Etc.
- Having unit testing and debugging skills with good problem solving and analytical skills.
- Python packages such as NumPy, Spacy, Pandas, TensorFlow, Scikit learn, re, request, PySpark Python-Kafka etc.

Technical Expertise:

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| • Programming language | Core Python, JavaScript, jQuery, JCL, COBOL |
| • IDEs | Eclipse, PyCharm, Jupyter, Atom, Visual Studio Code |
| • Databases | MongoDB, MS SQL, SQLite, IBM-DB2 and PL/SQL |
| • Version Control | Git, TFS |
| • Methodologies | Agile, Scrum |
| • Operating System | Windows, Linux |

Technologies: Core Python, Python for Web-Framework (Django & Flask), Data Science and Deep Learning (NLTK & Spacy), IoT, Regex, Html, CSS, Java Script, jQuery, Bootstrap, DB2 and MERN.

Interest Area: AWS, Docker, AI and Machine Learning.

WORK EXPERIENCE:

Infosys India Pvt Ltd. | Senior System Engineer | March 2019 – Present | Pune, Maharashtra

Project Title: iDW | Infosys data workbench

Client: Bank of America

Description:

The Bank of America Corporation is an American multinational investment bank and financial services holding company headquartered in Charlotte, North Carolina, with central hubs in New York City, Dallas, Toronto, London, and Hong Kong.

Responsibilities:

- I have extensively worked to achieved the objective of identifying PII sensitive information using ML, pattern and metadata from structured database like SQL server, Hive server, MySQL, DB2, Oracle, snowflake and unstructured data like parquet, text, log, excel, csv, prn etc.
- Product Performance boosted by using appropriate python's in-built functions and external libraries, exploited multiprocessing functionality.
- Smart configuration and setup of Machine Learning Package Spacy based on client requirement, developed application specific corpus builder model to overcome false positives in spacy.
- Extremely modularized and structured the code with doc strings so that there won't be any dependency on the developer.
- Seamless Established secure and sustainable connection for MySQL, DB2, Oracle database and writing smart queries which fetches all required inputs in ONE SHOT.
- Write simple and standard regex thoroughly for label identification using pattern.
- Established python environment in Linux and window OS for unit testing of the deliverable.
- Write reusable, testable, and efficient code for the build and Perform Sanity / Integration / Functional / Regressive Testing of the Build.
- Verify logs on the test environment and generate evidence of both positive and negative scenario. Also worked for couple of months on design, build and test of RESTful web services with the Django framework and Python.

Technology stack used: Core python, SQL, Regex, Data Science, Deep learning, and Machine learning.

Academic Qualification:

- Bachelor of Technology from Supreme Knowledge Foundation Group of Institutions, Chandannagar (2014 - 2017)
- Diploma in Electrical Engineering from Technique Polytechnic Institute, Hooghly (2011 - 2014)

Achievements/Certification:

- Won various Robotics competitions at college level.
- Rank first at Infosys's Accelerate tasks work.
- Certification on Object Oriented Programming and, Programming Fundamentals using Python and Introduction to Artificial Intelligence.

Personal Interests:

- IoT Blogger, Robot Wrangler
- Sports: Swimming, Table Tennis and Badminton.