

Python | Django REST | My SQL |

Objective

3 years of experience in Programming Concepts and Methodologies in Software Development to solve challenging business problems. Involved in Python Open Source Community and passionate about Deep Reinforcement Learning.

Important Core Packages Worked With Django Rest Framework:

- djangorestframework
- Django-filter
- Django-import-export
- Django-cors-headers
- Django-storages

Core Libraries Worked With:

- Pandas
- Numpy
- Seaborn, Matplotlib
- Python ETL
- BI Tool used - Tableau
- Web Scraping Library : BeautifulSoup 4, selenium

Software Programming Language Experience:

- Python
- Javascript
- JQuery
- CSS
- HTML
- Bootstrap

Strong Areas :

- Python
- Django Web Service-REST

Professional Work Experience

Django REST Task:

- Good experience in developing Web Applications implementing MVT Architecture using Django REST Application Framework.
- 3 years of Experience in design, development, testing and implementation of various stand - alone and client-server architecture based enterprise application software in Python on different domains
- Experience in development of Web-Based Applications using Python, HTML, XML, KML, CSS, JavaScript, JSON and JQuery.
- Experience in working with Python ORM Libraries including Django ORM.
- Good knowledge of Web Services with protocols HTTP.

- Good experience in working with Amazon Web Services like EC2, Storage models (S3 ,instance storage), Relational Database Service(RDS).
- Experience in using various version control systems like Git, and GitHub.
- Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.

Django Rest /ETL/ Task as a Developer:

- Experience in using various Libraries and Packages in python-like NLP, Pandas, NumPy, Seaborn, SciPy, Matplotlib, Scikit-learn, Beautiful Soup, Json, CSV, Highly skilled in using visualization tools like Tableau for creating dashboards.
- Highly creative, innovative, committed, intellectually curious, business savvy with good communication and interpersonal skills.

Key Skills

- Frameworks: Django, CSS , Bootstrap.
- Web Technologies: HTML, CSS, Java Script, JQuery, J SON, XML.
- Programming Languages: Python, HTML, CSS, SQL.
- Version Control: Git, GitHub.
- Databases: My SQL,
- IDEs/ Development Tools: PyCharm , Visual Studio Code.
- Operating Systems: Windows.
- Protocols: TCP/IP, HTTP/HTTPS, SOAP.
- Web Service : REST –JSON, DRF (Django Rest Framework)

Educational Experience

Bachelor Of Science in Computer Science

Working Zone Organization

Oxford Infotech, Pune, since June 2019 to July 2022.

Projects

Project Sequence 1

- ☐ Project Name : Cellular Backhaul
- ☐ Vertical : Telecom OSS Provisioning and Activation –Inventory Management
- ☐ Technology & Tool : Python , Django REST , Pandas, GIT , Rest – Web Service.
- ☐ Role : Python Developer.
- ☐ Detail Project Overview and Workflow:

For Mobile Network Operators (MNOs) looking to expand markets and add new subscribers, Hughes offers an ideal – and cost-effective – cellular backhaul solution. Satellite backhaul makes it feasible to offer cellular services in areas that are impossible or prohibitively expensive to reach using traditional terrestrial means, such as fiber, cable or microwave. MNOs in countries from India to South Africa to Peru count on Hughes to backhaul cellular traffic for their most difficult-to-reach service areas, and they're using the service to carry 2G, 3G and 4G/LTE traffic across hundreds of sites.

Hughes market-leading JUPITER™ System, a high-performance, field-proven satellite networking solution, backhauls all generations of cellular technologies.

Advantages of the JUPITER System:

High performance, with 200 Mbps+ throughput per terminal with acceleration

High efficiency, with integrated 4G/LTE optimization, saving up to 60% of satellite bandwidth

Powerful features, including 4G/LTE acceleration, IEEE 1588v2 timing, built-in GPS

Advanced enhancements, such as 600milisecond latency, 10-millisecond jitter, outdoor packaging and lower power consumption

Task Handled:

- Designed the front end of the application using Python, HTML, CSS, AJAX, JSON and JQuery. Worked on backend of the application, mainly using Active Records.
- Created UI using JavaScript and HTML5/CSS, Developed and tested many features for dashboard using Python, Java, Bootstrap, CSS, JavaScript and JQuery.
- Wrote backend programming in Python, used JavaScript and XML to update a portion of a webpage.
- Developed consumer based features and applications using Python and Django in Test Driven Development and Pair Based Programming.
- Performed Unit testing, Integration Testing, GUI and Web Application testing using Rspec.
- Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery.
- Used advanced packages like Mock, patch and beautiful soup (b4) to perform Unit Testing. Worked on translation of web pages to different languages as per client requirements.
- Updated the client admin tool to have the new features like support for internalization, support for customer service etc.
- Worked on updating the existing clip board to have the new features as per the client requirements. Used many Regular Expressions in order to match the pattern with the existing one.
- Skilled in using collections in Python for manipulating and looping through different user defined objects. Worked with team of developers on Python applications for RISK management.
- Taken part in entire lifecycle of the projects including design, development, and deployment, testing and implementation and support. Improved code reuse and performance by making effective use of various design patterns
- Documented the design solutions and created stories for client requirements.

Project Sequence 2

- ☐ Project Name : Intelligent Metrics
- ☐ Vertical : E- commerce , Payments
- ☐ Technology & Tool : Python, Django
- ☐ Roles : Python Developer

Detail Project Overview and Workflow:

This Ecommerce analytics solution provides Analytics information about user target audience provides user with insights into customers' geographic location, age, gender, and perhaps their interests or product preferences. Acquisition ,This data informs user how exactly customers found his /her store, and how they arrived at customer site. This information indicates which marketing channels user brand should focus on.Behaviour ,This data shows user how customers respond to information on user ECommerce site. Customer behavior relates to the content customers click, the products that interest them, and what they buy. The data could include how long customers spend before making a purchase or leaving the site. Conversion data refers to the point when an online user turns into an actual customer. Customer should track conversion data over time and identify when conversion rates increase, decrease, and the potential causes.When you user paid ads to boost web traffic, customer need to gather data from these platforms (Facebook Ads, Instagram Ads, etc) to determine the ROI.

Task Handled :

- Communicated and presented default customers profiles along with reports using Python and Tableau, analytical results and strategic implications , to senior management for strategic decision making Developed scripts in Python to automate the customer query addressable system using python which decreased the time for solving the query of the customer by 45% .Collaborated with other functional teams across the Risk and Non-Risk Groups to use standard methodologies and ensure a positive customer experience throughout the customer journey.
- KT with the client to understand their various Data Management Systems and understanding the data, creating metadata and data dictionary for the future data use/ data refresh of the same client.
- Structuring the Data Marts to store and organize the customer's data.
- Running SQL scripts, creating indexes, stored procedures for data analysis,Data Lineage methodology for Data Mapping and maintaining data quality.
- Prepared Scripts in Python and Shell for Automation of administration tasks.
- Maintained SQL objects like packages, triggers, procedures etc. Mapping flow of trade cycle data from source to target and documenting the same.
- Used Pandas, Numpy, Seaborn, Scipy, Matplotlib, Scikit-learn, NLTK in Python for developing EDA.

Personal Details

Name	: - Mr. Vaibhav Anil Dhandar
Current Address	: - Karve Nagar, Pune
Date of Birth	: - 20 June 1995
Sex	: - Male
Marital Status	: - Single
Nationality	: - Indian
Languages	: - Marathi, Hindi and English.

Declaration:-

I hereby declare that the above-mentioned information is correct to the best of my knowledge.

Date:-

Place:-