



Kiran Pawar

Python Full Stack Developer, Mindtree solution –
<https://www.mindtree.com/> -Pune

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Education

- Bachelor's of engineering -Mechanical
- University: Savitribai Phule Pune University -(SPPU), Maharashtra

Awards and Achievement

- Received Rising Star award from **MindTree** for good performances.
- Received appreciation for Payment Intelligence successful delivery from Client **Novalnet, Germany**.

More About Me

- Father name : Tanaji Pawar
- Mother 's name: Savita Pawar
- Permanent address:C/o Kiran Tanaji Pawar Village -Yermala,taluka-kallamb district –Dharashiv pin-413525
- DOB:03/08/1997
- Martial status: Unmarried
- Gender:Male
- Language: English,Hindi and Marathi
- Passport availability:Yes

Hobbies

- Travelling
- Volunteering

CAREER OBJECTIVE

To find a Position in a cutting edge Organization that will utilize either or all of my **Python Full Stack /Django REST API Web Development /Machine Learning /Data Science** Experience and skills. To employ myself in a progressive organization that provides scope to update my practical knowledge and skills in accordance with the latest trends and be part of the team that dynamically works towards growth of the organization. To achieve a challenging position in Python Full Stack Developer/Django Developer/Data Engineer/Web Developer Specialist in a result-oriented company, where acquired skills and education will be utilized towards continuous growth and advancement.

EXPERIENCE

3+ years of Experience - **Python | Django REST API | Django Web Framework | Python Full Stack Development | Machine Learning | Pandas | Data Science/ETL | Business Intelligence | SQL | Unix | MongoDB | AWS**

Clients: **Edpnet, Belgium | Novalnet, Germany**

Strong zone: **Python/Django –Backend Development / Machine Learning**

Current work experience with client Edpnet, Germany as a **Python Full Stack Developer** for Telecom OSS Provisioning & Activation ,CRM

VERTICAL /DOMAIN/SYSTEM SPECIALIZATION

Telecom OSS - Provisioning & Activation | Payment Gateway

Tools and Associated Technologies Used :

- ❖ Unstructured Database Used – Mongo DB
- ❖ UI Application Programming Language - HTML, CSS, JavaScript and Bootstrap.
- ❖ Web Scraping Library : Beautiful Soup 4
- ❖ Web Framework involvement : Django REST
- ❖ BI Tool used - Tableau
- ❖ Parsing XML - xml Schema
- ❖ Important Core Package worked with Django Rest Framework : Django rest framework |Django-cors-headers |Django-import-export |Django- filter | Django Storages | Django-extensions
- ❖ Core Data science Libraries Used : Matplotlib | Numpy | Pandas | Scikit Learn | Tensorflow | Seaborn | Scipy

Process worked with: DevOps + Agile

Familiar with Software Programming Language

Python | C++ | Java Script | CSS | HTML | Boot Strap

EXPERIENCE SUMMARY:

Django REST Web Framework Task

- ❖ Designed frontend and backend of the application utilizing [Python on Django Web Framework](#).
- ❖ Analyzed the requirements and designed the flow of task using flow charts and dependently designed flow between pages of the UI.
- ❖ Responsible for creating of website functionality with [JavaScript, HTML, CSS](#).
- ❖ For the development of the user interface of the website used HTML, CSS, JavaScript.
- ❖ Used various types of Django libraries such as [Django-rest-framework, Django-cors-headers, Django-debug-toolbar, Django-extensions, Sentry-sdk, Django-allauth, Django-filter, Django-import-export](#).
- ❖ Experience in developing views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
- ❖ To update a portion of a webpage used JavaScript and [JSON](#). Written Python scripts to parse [JSON documents and load the data in database](#).
- ❖ Experience in the required XML Schema documents and implemented the framework for parsing XML documents..
- ❖ Performed data analysis using [Pandas as API to convert data into tabular format](#).
- ❖ Used Google API's and created [visualizations such as pie charts, donut charts and displayed in the web application](#).
- ❖ For the development of the web applications utilized [CSS and Bootstrap](#).
- ❖ To share the information across the applications used pickle/unpickle in python.
- ❖ Utilized Python libraries like Numpy and matplotlib for generating graphical reports.
- ❖ Build SQL queries for performing various [CRUD operations like create, update, read and delete](#).
- ❖ Experienced with GIT version control and deployed the project.

TECHNICAL SKILLS:

- ❖ Core Libraries worked: Matplotlib | Numpy | Pandas | Scikit Learn | Seaborn
- ❖ Process worked with: DevOps + Agile
- ❖ Machine Learning: Logistics Regression, Linear Regression,
- ❖ Analytic/Predictive modeling Tools: Jupyter, Anaconda
- ❖ Visualization Tools: Tableau, Python – Matplotlib
- ❖ ETL: Pyetl
- ❖ Programming Language - Python, SQL
- ❖ Tools: SQL Developer
- ❖ Web Designing :- HTML, CSS, JavaScript
- ❖ Web server :- WSGI, Apache.
- ❖ Database Skills :- MySQL , Oracle.
- ❖ Versioning Tools :- GIT
- ❖ RDBMS :- Oracle
- ❖ Unstructured database :- Mongo DB
- ❖ Continuous Integration Tool :- Jenkins
- ❖ Data Modeling Tools :- Oracle Designer,
- ❖ Framework Software :- Django, Flask
- ❖ Web Service :- REST –JSON, DRF (Django Rest Framework)
- ❖ Development Tools :- PyCharm, Notepad ++
- ❖ OS and Networking :- Windows 7, Windows 10, Ubuntu/Linux 18.2

Working Zone – Organization:

Currently working as Python ML Engineer, Mindtree solution - <https://www.mindtree.com/>, Pune , since June 2021 to till date.

PROJECTS

Project Sequence 1

- **Project Name** : Industrial Ethernet Switch - SCALANCE X -Siemens
- **Client** : Edpnet, Belgium
- **System/Component** : Telecom OSS Provisioning & Activation ,CRM
- **Technology** : Python, Django, Oracle, GIT, SVN, Rest – Web service, Pandas, etl, Statistical Analysis
- **Roles** : Python Django REST web Development

Detail Project Overview and Workflow :

Powerful industrial communication networks are the foundation for digitalization. Within these networks, data must be systematically and reliably distributed across all levels. Industrial Ethernet switches are perfect for the job. With SCALANCE X, Siemens offers several product lines with different functional scopes depending on the specific networking task – the right switch for every application. The segmenting of networks by means of virtual local area networks (VLANs) significantly boosts cyber security. VLANs act as broadcast blockers and only permit data traffic between defined participants, meaning that potential cyber-attacks can affect only a small number of participants, if any.

Roles and Responsibilities :

- Experience in developing backend modules using Python on Django Web Framework.
- Experience in working at various phases of project such as analysis, design, development, and testing.
- Using Django Framework model, implemented MVC architecture and developed web applications with superb interface.
- Created user interface of website using Python, HTML5, CSS, JSON and JQuery. Used CSS bootstrap framework for developing web application.
- Developed the business logic in views for the URLs created and linked the webpages to functions in views to show the output to the end-user or to store information from the website into the database
- Worked on Django REST framework as it is much faster to read data and it can be cached. REST allows more formats than SOAP and gives better support for browser clients as it supports JSON.
- Written scripts to import data, export data and data modeling.
- Worked on Django ORM API to create and insert data into the tables and access the database.
- Extensive experience in using the python packages such as NumPy, SciPy, Pandas, Beautiful Soap, Pickle and OS.
- Built multifunction readmission reports using python pandas and Django frame work
- Involved in Preparing Low level Design of Application, To take part in software and architectural development activities
- Involved in designing and preparation of call flows with usability services.
- Perform data exploratory analysis using Matplotlib
- Collected historical data and third party data from different data source, Improved Operation activities. Used Linear & Logistic Regression
- Understand and Analyse Customer requirements and Business logic, Perform data cleansing, data imputation and data preparation using Scikit Learn and Numpy.
- Conduct software analysis, programming, Unit and White box testing and debugging
- Identifying production and non-production application issues, Ensuring designs comply with specifications, Transforming requirements into stipulations
- Support continuous improvement, investigating alternatives and technologies, Presenting for architectural review
- Managing Python application development, Develop, test, implement and maintain application software
- Validated already developed python reports. Fixed the identified bugs and re-deployed the same.
- Recommend changes to improve established python application processes
- Develop technical designs for application development
- Develop application code for python programs, involved in client interaction to sort out the Requirement issue
- Create the Reporting and share with top management

Project Sequence 2

- **Project Name** : Payment Intelligence
- **Client** : Novalnet ,Germany
- **System/Component** : Payment Gateway Analytics
- **Technology** : Python, Django, Oracle, GIT, SVN, Rest – Web service, Pandas, etl, Statistical Analysis
- **Roles** : Python Data analyst / Python Django REST web Development

Detail Project Overview and Workflow :

This Machine learning solution can be especially effective in cases involving large dynamic data sets, such as those that track consumer behavior. Rapid growth in the availability of big data and advanced analytics, including machine learning, will have a significant impact on virtually every part of the Business, including financial services . When customer behaviors change, it can detect subtle shifts in the underlying data, and then revise algorithms accordingly. Machine learning can even identify data anomalies and treat them as directed, thereby significantly improving predictability. These unique capabilities make it relevant for a broad range of payments applications.

Roles and Responsibilities :

- Understand and Analyse Customer requirements and Business logic.
- Involved in Preparing Low level Design of Application.
- Performed data exploratory analysis using Matplotlib, Collected historical data from different data source.
- Improved Operation activities. Used Linear & Logistic Regression, perform data cleansing, data imputation and data preparation using Scikit Learn and Numpy.
- Conduct software analysis, programming, Unit testing and debugging.
- Managing Python application development, Develop, test, implement and maintain application software.
- Validated already developed python reports. Fixed the identified bugs and re-deployed the same.
- Develop application code for python programs, involved in client interaction to sort out the Requirement issues.
- Create the Reporting and share with top management.

Declaration:-

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

Date:

Location:

Regards,
Kiran Pawar