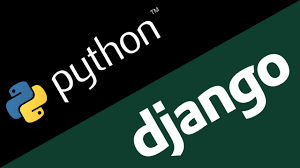
**Neha Kapoor**  **C:\Users\nehak\OneDrive\Desktop\1_93CVLqnQESmvfOhzvYUgQw.png**

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**Career Objective**

Over **5+** years of IT Experience in design, development and implementation of various stand - alone and client-server architecture based enterprise application software in **Python and Django** on different domains.

**Key skills**

* Programming Languages : Python Programming along with libraries like Numpy Pandas and Matplotlib

Django Restful Web Framework along with Django Celery and RabbitMQ and python scripting

* Version Control**:** Git, GitHub.
* Operating Systems: Windows, Ubuntu, Centos7
* IDE s/ Development Tools: Eclipse, PyCharm, Jupyter notebook and Anaconda with Spyder
* Databases: SQL and Postgresql with PgAdmin

**Work Experience @Foray(March2019 – till date)**

**Work Role: -** Senior Software Engineer

**Client**: - Cisco NSO (Network Service Orchestrator)

**Skill Required:** - Python Programming, Django, Postgresql

**Project Name: DAA(**Distributed Access Architecture) (May2019 – Sept2019)

**Project Descriptions:** Cisco addresses the DAA operational challenge by enabling cross-domain DAA orchestration through a Business Process Automation (BPA) solution that is based on Camunda, which is an advanced, open-source workflow and decision automation engine. Other building blocks are Smart PHY, which automates the provisioning and onboarding of RPDs and Network Service Orchestrator (NSO), the controller that automates the model-driven management of network devices. Worked on infrastructure with Docker containerization and maintained Docker Images and containers. Fluency in Linux commands to create a scripts to deploy project for python. Deploying the OpenStack components on **multimode with High availability environment** and Integrated OpenStack to create software-Defined-Networking tenant and service provider network and routers. Experience with OpenStack Components: **Nova, Swift.** Written automation scripts for creating resources in **OpenStack Cloud using Python. With** OpenStack Python Software Development Kit (SDK) write some Python automation scripts that create and manage resources in OpenStack cloud. SDK implements Python bindings to the OpenStack API’s.

**Detail:** -

* Created Service Packages and wrote Yang - Template modelling along with Python Programming to configure various IPV4 and IPV6 Addressing and to configure different interfaces such as Management Interfaces, HundreGigE, Loopback, TenGigE, Bundle Ether and BVI.
* Wrote Python Functions, loops and Oops Concepts to configure dhcp profiles with ipv4 and ipv6 addressing along with an associated interfaces under L3 level of interfaces.
* Experience in an object oriented programming (OOPs) concepts using Python Programming.
* The DAA-A platform automates the deployment and turn-up of CIN devices by coordinating the work of operators and systems, and by automatically deploying the necessary configurations through Yang-Template modelling.

**YANG** (Yet Another Next Generation) is a data **modelling** language for the definition of data sent over network management protocols such as the NETCONF and RESTCONF. The data **modelling** language can be used to **model** both configuration data as well as state data of network elements.

* Define different concepts like grouping, container, list , leaf ,leaf ref to configure dhcp-relay profile, router-isis, router ospf and ospfv3 with router configuration , multiple interfaces with IPv4 and IPv6 Addressing.

**Project Name: MTN Nigeria** (Oct2019 – Nov2019)

**Detail:** -

* Created Action Packages and wrote Yang - Template modelling along with Python Programming to configure MTN WAE.

WAN Automation Engine (**WAE**) is a software tool that provides multivendor and multilayer visibility and analysis for service provider and large enterprise networks.

* Built action packages to define actions from functions via python programming based on an input and output scenarios.
* Experience in creating **Docker Containers** leveraging existing Linux Containers and AMI's in addition to creating **Docker Containers** from scratch

**Project Name: T-Mobile** (Jan2020 – till date)

**Detail:** -

* Experienced in Python Programming and define Django Web app along with ORM Modelling with SQL Migrations and template creation.
* Good experience in developing web applications implementing **Model View Template** architecture using Django
* Having experienced in Agile Methodologies, Scrum stories and sprints experience.
* Experienced in working with server side technologies including databases, **Restful API** and **MVT** design patterns.
* Experience in using various version control systems like Git, and GitHub.
* Experience in defining **JSON** transformations with serializer for Django Rest Framework API.
* Experience in working with Python **ORM** Libraries including **Django ORM**.
* Actively involved in developing the methods for **Create, Read, Update** and **Delete (CRUD)** in Active Record.
* Developed entire frontend and backend modules using **Python on Django** Web Framework.
* Used **Celery** as task queue and **RabbitMQ** as messaging broker to execute asynchronous tasks.
* Developed remote integration with third party platforms by using **Restful** web services.
* SDK implements Python bindings to the OpenStack API, which enables you to perform automation tasks in Python by making calls on Python objects, rather than making REST calls directly.
* OpenStack command-line tools are implemented by using the Python SDK.

**Work Experience @ Wipro(March2017 – Mar2019)**

**Work Role: -** Senior Analyst

**Projec**t: - Uber ATG

**Skill Required:** - Python Programming, MSSQL Workbench.

**Detail:** -

* Having Good technical background with solid project experience in Python Programming and MSSQL Workbench.
* Built Web application using Python- Django Web FrameWork pattern to make it extensible and flexible, created form for user with Django development with views and template programming.
* Experience object oriented programming (OOPs) concepts using Python.
* Experience with Requests, Numpy, Matplotlib and Pandas python libraries during development lifecycle.
* Experienced in working with various Python Integrated Development Environments like IDLE, PyCharm and Spyder(Anaconda).
* Proficient in SQL databases MYSQL, SQL concepts using MySQL workbench.
* Involved in creating database objects like tables, views, procedures, and functions to define definition, structure and to maintain data efficiently.
* Experience in creating initial website prototype from Django skeleton and building out Views,
* Displayed and proved capability to learn any new technology and work on it. Developed Data Flow Diagrams, Entity Relationship Diagrams and Data Structure Diagrams.
* Used Python programming and language to develop a working and efficient network within the company.
* Used data structures like directories, tuples, object oriented class based inheritance features for making
* Wrote and executed various MSSQL database queries from python using Python-MySQL connector.
* Maintained and improved the security level of data.
* Expert knowledge of Objective-C with an interest in building experience in **Swift**
* Adept at using **Cocoa** to build beautiful interfaces in concert with a strong, working understanding of Core Data

**Project Details:-**

**Problem Statement:**

* Average Handling Time for the job is trending around 3.6 Min against the target of 2.2 Min

**Goal Statement with Timeline:**

* To reduce weekly RE AHT target which is trending around 3.6 Min to under 3 Min by end of May’17.

**Operational Definition of Project Metric & Unit of Measurement:**

* Average Handling Time (in Min) is the time taken by the operator to process a job and the target is defined as time taken to process a single job in min.

**Project 2 :-**

**Bottom Quartile Management Process Document**

Operator’s performance is divided into 4 Quadrants. Quadrant is calculated basis the Quality and Productivity of an Individual.

* **Operators are then bucketed into four Quadrants basis their performance as per the median**
  1. Operator with High Quality & High Productivity is considered to be a Q1 performer
  2. Operator with High Quality & Low Productivity is considered to be a Q2 performer
  3. Operator with Low Quality & Low Productivity is considered to be a Q3 performer
  4. Operator with Low Quality & High Productivity is considered to be a Q4 performer

**Project 3 :-**

**Long Tail Project**

Expected Average Handling Time to model a task for Road Edit step is less than 3.5 mins. There have been few cases which could take more than 3.5 mins. Problem was to identify people spending more than 3.5 mins of time for Road Edit step for more than 30% of the overall tasks. The overall focus was to:

1. Reduce the number of people falling in this bucket
2. Reduce the number of sub maps falling in this bucket

Both of them were intended to reduce the variation in the performance of operators and hence to improve the overall throughput.

**Achievement**

* Client Recognition for outstanding Performance and contribution
* Best Metric Support of for Bedrock Process

**Work Experience @ IBM(Jan2015 – Jan2017)**

**Work Role: -** Oracle Database Admin

**Project:** - Danone

**Skill Required:** - Advanced Excel, Oracle

**Detail: -**

* Installation of Oracle 12c client, configuration listener.
* Applied Oracle 12c Databases patches to Linux and Unix Servers.
* Imported and Exported refresh data with automatic script by creating db   links.
* Configuring Backup (RMAN for database and restoring database.
* Troubleshooting problems with web server, web listener, forms server, and concurrent managers, and database.
* Working knowledge in analytical tools like Advanced Excel(Lookup, Index & Match, Pivot Table, and solver) and SQL.
* Worked on advanced excel projects with the use of V-lookup, Indexing, Lookup and matching.
* Having knowledge on analytics projects using statistical concepts on Advance Excel Concepts.
* Skilled in designing and implementing complete life cycle client servers and database applications with various development tools.

**Educational & Professional Qualification**

MCA (Computers) Galgotia’s Institute of Management And Technology | Greater Noida, UP 2013

BCA (Computers) Birla Institute Of Technology, Noida, Uttar Pradesh | Noida, UP 2010