**Having 4+ years of Professional IT experience in python and Django**

**REVATHI K**

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**Career Objective**

Looking for challenging and growth oriented career where my knowledge is used to impact organization goals and at the same time enrich my profession and skills.

**Professional Summary**

* Having 4 years of Professional IT experience in Python & Django.
* Good Extensive experience in Developing/Handling highly interactive web-based applications specially using Python & Django.
* Basic understanding of front-end technologies, such as HTML, CSS.
* Having good knowledge in Object oriented programming concepts.
* Familiarity with Oracle/MySQL databases and their declarative query languages.
* Proficient understanding of code versioning tools, such as Git.
* Hands on experience with shell scripting for automation.
* Hands on experience with python scripting for automation.
* Ability to handle multiple tasks and work as in a team Members.
* Excellent analytical, problem solving and programming skills.
* Committed, goal oriented, & has zeal to learn new things & technologies.
* Possess good problem solving & interpersonal skills, having capability to work alone.

**SkillSet :**

**Platforms :**Windows/Linux/Ubuntu

**Languages :** Python, C

**Scripting Languages :** UNIX Shell Scripting, python Scripting

**Web Technologies :** HTML, CSS.

**Web Frame work :** Django.

**Tools/IDE’s :** PyCharm , GIT, Toad.

**RDBMS/Database :** Oracle and MySql.

**Highest Qualifications:**

* **M. Tech (CS)** from University of Hyderabad, Hyderabad.
* **B. Tech (EIE)** from Acharya Nagarjuna University, Guntur.

**Work Experience :**

* Working as a software Developer for Cognizant, Hyderabad from Nov’16 to till date.

**Projects Details:**

**Project#1**

Title : **TOTE Prediction**

Duration : Oct 2017 to Nov 2018. Client : Coral UK

Environment : Python, Modules **(Requests, NumPy , Pandas, Matplotlib )**, Django , Oracle , HTML , CSS

Role : Developer

**Description:**

Tote Prediction gives predictable information to CORAL Users on Horse Racing.It will get the details from third party API (Telegraph UK) and do analysis on data and store the data into database.It will retrieve the data from database and display it in the UI based on CORAL Users Requirement

**Responsibilities:**

* Involved in developing codes using Requests Module, a library designed in python, for scraping third party website
* Created various charts in PyCharm Notebook using Matplotlib to perform a preliminary analysis on the collected datasets
* Prepared, combined and handled datasets and conducted feature work using Pandas
* Involved in using NumPy library along with matplotlib library to plot different visualizations like histograms, bar charts, etc
* Installed & Configured Oracle database Connections
* Involved in Storing and Accessing data from Oracle database through SQL using cx\_Oracle Module
* Involved in creating Django Models classes and written Model Queries for accessing data from Oracle

**Project#2**

Title : **Auto Knowledge Info Web**

Duration : Nov 2016 to Aug 2017

Environment : Python, Django, MySQL DB

Role : Developer

**Description:**

Auto Knowledge is a website giving information about the auto world. The project mainly deals information about new cars and Test drives. It rates cars on its performance. It also gives information about the happenings. This website was available in 3 languages namely English, French, Dutch. Users could post information about the vehicles they wanted sell. The project was also provided with a control panel to the admin of the system, through which the admin can monitor the system.

**Responsibilities:**

* Understanding the project requirements and developing/Enhancing the code based on the client requirements using Python, Django, oops concepts
* Involved in creating modules and models using Python required for the project
* Involved Developed Object Relation Mapping codes using Django framework
* Involved in accessing data from database as demanded for a task
* Involved in creating page templates requirements for the project
* Involved in writing client validations using JavaScript
* Coordinating with the team to meet the client requirement

**Previous Work Experience :**

* Worked as a Associate Software Consultant for Tata Consultant Service, Bangalore from Feb’14 to Feb’16.

**Project:**

Title : **ENM IP Transport**

Duration : June 2014 to Feb 2016

Environment : PyUnit, GIT, Eclipse, Shell Scripting, Python.

**Description:**

Ericsson Network Manager is a unified management system that provides operators with a common view of network resources and services. Operators are eager to adopt Ericsson Network  
Manager early in order to provide feedback on its functional evolution and to re-evaluate and enhance  
their network domain operations and workflows. The Swisscom (Leading Telecom Provider in  
Switzerland and Italy) deployment marks the first time that Ericsson Network Manager has gone live in an operator network. Ericsson Network Manager supports all FCAPS functionalities except Accounting.  
With Ericsson Network Manager, it is easy to manage different kinds of Network Elements (including Network Elements from other vendors like CISCO and JUNIPER) more efficiently.

**Responsibilities:**

* Automating build tools using Shell scripting and Python Scripting.
* Application feature deployment (virtual and physical servers), production handling, code movement activities and delivered application feature.
* Had an opportunity to lead a team of eight in testing FCAPS functionality for different node families.  
  Version Controlling using GIT.
* Developed applications using agile methodologies and best coding practices including PMD.
* Performed code merge, deployment and integration testing.
* Automated testing of application using Test Automation Framework.
* Automated test environment setup in Jenkins using Shell Scripting and Python.
* Written JUnits for application feature code.
* Had been single point of contact for NETSim team in ENM IP Transport team.
* Installed netopeer in Linux to support YANG modelling language for NETSim nodes.
* Responsible for complete maintenance and deployment in 12 Linux servers.