**ANCHIT GUPTA**

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Offering over 2+**years’ experience Software Engineer, Software Development** with a leading organization of repute preferably in Delhi NCR

**PROFILE SUMMARY**

* Software Testing and Software Developer professionalwithexcellencein:

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| ~ J unit based Testing | ~Django Rest Framework | ~ Test Automation |
| ~Scripting Languages –Python | ~Core Java | ~MySql, PostgreSql |
| ~TeamManagement | ~ Android | ~ Usage of SVN, GIT, JIRA |
| ~ **Python Flake8,** Nose Test | ~ Apache Tomcat | ~ **Rest Framework** –Jersey |
| ~**Xml parsing using Python** | ~**Python2.7.1** | ~**DICOM**, DVTk Scripting |

Comprehensive knowledge of Software Development and Automation Test Development in Storage and Industrial domain with chosen platforms as Python, Java, Django REST framework

* Gotten Hands on experience with SVN, JIRA, MySQL, PostgreSQL, JAMA,Clear Quest
* Unit Testing tools like Nose Test, Junit.
* Have a very good understanding of Agile Methodologies and have experience of working in scrum teams and sprint model.
* Skilled in automation test planning and creating test case documents, managing the quality assurance.
* Aneffectiveleaderwithexcellentcommunicationandrelationshipbuildingskills
* Skilled in Medical Domain (DICOM,DVTk scripts)

**TECHNICALSKILLS**

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| --- | --- |
| **Technologies** | Core Java, Django Rest Framework, Python, Android, Xml Parsing, DICOM(Medical Domain) |
| **Methodologies** | Agile-SCRUM |
| **Operating Systems** | Windows 8/7/10, Linux - Centos and Ubuntu |
| **Programming Languages** | Core Java, Python, Android, Django Rest Framework, XML, HTML, CSS, Dvtk Scripting Angular |
| **Databases** | Mysql,PostgreSql |
| **SFTP/FTP client** | WINSCP and Putty |
| **Network Management Tools** | SVN, GIT, vSphere Client, VMWare vCenter, VMWare Player, ESXi |
| **Other Tools** | Eclipse, Advanced Rest Client, Windows Event explorer, mysql client, MS-Office |
| **Management Tools** | JIRA, JAMA, Clear Quest |

**INTERNSHIP PROJECT**

* Genetic Algorithm Toolbox similar to Matlab GA tool and solving many real world problems like TSP

**ORGANISATIONAL EXPERIENCE**

**Since October’15with Agiliad Technologies, Noida as Software Engineer**

**Significant Accomplishments and Responsibilities:**

* **Development of Service Tool using Java as a platform (Checkpoint Scanner)**

A service tool for a scanner is required by field service engineers or in house team to configure, test, or monitor a scanner deployed at airport or in lab. Some of the targeted functionalities of a scanner tool are check the health (state and data values) of different components of a scanner like X-ray, power link etc

1. Using Java development service tool was made
2. Learnt concepts and got hands on experience in medical domain

* **Development Support (Data gravity Middleware Software)**

Data Gravity is a storage product company focused at building data aware storage system. Data Gravity storage system hosts advanced rich graphical data management software for storage data management, search, and data protection. The web based data management software interfaces with proprietary CIM server for getting configuration and relevant data mining data.

1. Data Gravity intends to re-engineer / re-develop the server interface as REST based middleware using **Python Django framework**
2. Python development using various python modules – OS, random, time etc and data structures and types available in python
3. Scripting in Angular.

* **Development of PC based IDE (Mitsubishi Electric)**

UI and plugins for eclipse had to be created for integration of current workbench with new and reengineered features

1. Developing and creating UI for eclipse.
2. Learnt how to create plugin in eclipse.
3. Knowledge of CW workbench of Mitsubishi electric.

* **I/O Library Framing and Testing (Rockwell Automation)**

Functional and Technological testing for the Analog and Digital IO modules. This project required creation of a generic test automation framework which can be easily extended to test the functionalities of IO modules corresponding to different families in order to get hold over on shelf and off the shelf fault in the test flow. All the traceability information is to be stored in the test scripts itself.

1. Creating **python scripts** for the test cases to be executed on the controller through Studio Logix 5000. Writing test cases and test procedures for the I/O module as per the functional requirements and mapping them for the types of input and output modules available depending upon their specifications
2. Executing the scripts to test the functionalities of PLC controller
3. Usage of decorators, classes etc using the “VeriPy” framework

* **RA Metric Web Server (Rockwell Automation - Jenkins)**

An integrated application that will have front end and backend support for fetching the test reports placed at some location and reflecting the final work graph as per the results

1. **Python development** using Xml parsing through **Python** and creating a new **XML** out of it (File operation on python, etree, decorators usage, Data structures in python- list, tuples, dictionaries, etc used).
2. Development using Python as a platform to facilitate the data inflow and outflow from the webserver, backend development with **Angular.**
3. Developed a random number generation without using random library.

* **Hologic Mammography Testing(Automation- DICOM Medical Domain)**

1. DICOM scripting and understanding of DICOM related connectivity.
2. Studied Various Terms and SOP Classes Used in DICOM and Testing them through DVTk scripts and emulators.
3. Connectivity of UI with DVTk emulators.
4. Writing Scripts to automate Medical appliance.
5. Automation of Medical device following all standard of IEEE and NEMA

**EDUCATION**

B.Tech (65% computer science engineering)from UPTU, Ghaziabad (2011-2015)

**PERSONALDETAILS**

**Date of Birth:** 13thApril 1993

**Address:** Ghaziabad