Saumya Saxena Gupta

A result oriented professional with**over 6 + y*ears*** of experience in **python / shell scripting.** Looking forward to work in a challenging environment which will empower me to utilize my experiences & work towards increased company profitability.

**Organization Contour:**

* + - * From Aug 2009 to till date :- ARICENT GROUP OF TECHNOLOGIES HOLDING PRIVATE LIMITED
        + Currently as a Senior Software Engineer
      * From Aug 2007 to Aug 2009 :- 3i Infotech Ltd.
        + Worked as a software engineer

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| **Profile Summary** | * Worked in Python, shell scripting and database administration. * Development of simulation tools , database upgrades/installations /administration scripts , automation etc on Linux (RHEL) * Handling/Leading database developing /Scalability activities, administrating database and performance tuning. * Involved in product development of “Cisco Unity Connection “ , **working as a scripting Engr. cum DBA.** * Familiar with OOPS concepts . * Well adapted to Agile , SDLC. * Good interpersonal communication and leadership skills. |
| **Key Technologies** | **Platforms**  Linux , Windows.  **Database**  Informix 11.5 , Oracle 10g  **Languages/Scripting Languages :-**  Python , Shell scripting , PL/SQL , Informix SPL, FTL, Core Java, XML, C++  **Tools**  VSPHERE ,VMWARE VIEWCLIENT ,WireShark , Source Insight, OAT ,selenium, nmap , grinder , Camelot ,Clearcase, GIT |

**Recognitions:**

* + - * Won Software Craftsmen for the month for Nov 2013 for excellent reusable code in automation
      * 2 Times won Aricent team award for excellent support customer and escalation .
      * 1 time won Aricent team for smooth migration of unity Connection from Cisco to Aricent

**Project Details**

**Project Name: Cisco Unity Connection – From Nov ’10 to till date (Aricent Group)**

Cisco Unity® Connection is a feature-rich voice messaging platform based on the same Linux Unified Communications Operating System as Cisco Unified Communications Manager. With Cisco Unity Connection, you can access voice messages using Cisco Unified Personal Communicator, or use the display on your Cisco Unified IP Phone to view, search, sort, and play messages

**As a part of product “Cisco Unity Connection” worked on development of multiple features**

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| **Feature List :-** |

* **SRSV Simulation tool** :-SRSV Simulation is a tool for simulation “unity connection srsv feature” .This is a python based tool.
* **Jabber Simulation tool :-**Cisco Jabber” is corporate chat software which can be integrated with “cisco unity connection . In this feature, jabber simulation script was developed. This is a python based tool
* **Automation SRSV MWI Notification :-**This required automation of feature which is **e**nabling MWI notifications of VOIP phones when system is in SRSV mode .
* **Automation of SAML SSO :-**This is Single Sign on feature across all vos products , was involved in automation and database/platform changes**.**
* **Migration of Kickstart Server:-**Kickstart server is required for auto installation of machines, with lab movment was involved smooth migration of this server.
* **Database Migration in RHEL 5.5 :-** In Unity Connection 8.6 release new type of upgrade was introduced i.e. Refresh Upgrade to support RHEL version .
* **Database alarm integration in Unity connection :-** Introducing new python based alarm utility which reads / handles database alarms and publishes them after parsing it.
* **AUS implementation :-**In unity connection, update statistics were being done manually, to improve database performance AUS (Automatic update statistics) was implemented .
* **CLI for check database health :-** This is a python based cli , which is suppose to run by TAC team before initiating upgrade to check the system health**.**
* **Handling Database Upgrades/Installation :-**As a key member of database team , was responsible for monitoring database upgrades/installations changes required **.**
* **Defect Fixing :-** As a part of dev team , each member had a responsibility of fixing defects.
* **Esclation team and TAC support** :- As a key member of database team , handling below unity Connection features :-
* Database
* Upgrades/Installation
* Server Role Manager
* File Syncer
* DB Event Listener
* Sysagent
* Audit Logger etc

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| **Key Responsibilities -** |

* Leading the team.
* Handling Code changes.
* Unit testing
* Analyzing gramslam loads if running .
* Testplan and code reviews

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| **Key Technologies** |

Languages Python , Shell script , PL/SQL,Core JAVA , xml , tcl/itcl

Databases Informix 11.5 ,sqlite

Tools Clearcase , GIT , Vsphere , Viewclient , nmap , Bomber , Grinder , Camelot , Wiresharketc

**Project Name: Comverse ONE – Aug 2009 to Nov 2010 (Aricent Technologies)**

Comverse One is a Real Time billing product for Telecom from Comverse that deals with prepaid and post paid subscribers billing solutions.

As a part of core database development team , worked on multiple features

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| Features List |  |

**My Special Days :-**With this feature a subscriber can claim 5 special days in a calender year, where he will get special call rates

**Zero Validity Recharge**: - With this functionality top up recharge concept was introduced in the product for a specific customer

**Friends and Family: -** A subscriber can maintain several lists of calling party numbers; the subscriber will get special calling rates on calling the listed numbers.

**Site Issues/ Workarounds Scripts:-** Fixing site issues and provide workaround scripts (UNIX script with embedded PL/SQL block) as a temporary solution to correct live data while code is getting fixed.

**Upgrade/Fallback Utility :-** An upgrade utility is SQL or PL/SQL statements which consist of schema level changes required for the features delivered in a specific release. Fallback utility is used for restoring the database post upgradation.

**Site Statistics Report -** Site data is extracted on a weekly basis using unix script and shared as a report across Comverse managers.

**Pre-Paid recharge –** Enabling pre paid recharge with multicurrency

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| **Key Responsibilities -** |

* Pre Design Analysis Detail designing post analysis (Table designing and PL/SQL code)
* Deisgn documentation.
* Writing customer performance analyzing scripts
* Unit Test Plan documentation and Coding (PL/SQL),
* Unit testing and performance tuning.
* Handling the release PQA and Site Support for the designed feature.

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| **Key Technologies** |

**Languages** P/SQL , shell script

**Databases** Oracle10g

**Tools**Clearcase

**Project Name :Mfund from Aug -07 to Aug 09 ( 3i infotech)**

MFund / AM, a proven, comprehensive client-server based application suite, streamlines fund accounting, valuation, investment management

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| Features |  |

* Full Balance Sheet Module
* Data Migrations
* Bulk Uploads
* Reports Development
* Short Sales,
* Multicurrency
* Inverse floater rate,
* Performance Fee,
* Interbank Transfers ,
* Inter Security Transfers
* Issues Fixing

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| Key Responsibilities |

* Database design Analysis
* Coding Pre/Post coding Documenation
* Writing unit test cases
* Client support

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| **Key Technologies** |

**Languages** P/SQL , shell script ,Powerbuilder

**Databases** Oracle10g

**Tools**Clearcase

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**Academic Details :-**

* Bachelors in Information Technology from IGNOU in 2007
* ISC , class XII from St DominicsLucknow in 2003

**Personal Details :-**

Name SaumyaSaxena Gupta

Date of Birth 2nd Dec 1984

Marital Status Married

Husband’s Name Rohit Gupta