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**Career Summary:** 5+ years of experience in IT which includes cloud/Storage/web/ERP/data visualization application development using Python.

**Academic profile :**

Masters in Computer Application from **C**haithanya **B**harathi **I**nstitute of **T**echnology, Hyderabad-India

**Technical Expertise:**

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| **Containerization Tool** | Docker |
| **Continuous integration Tool** | Jenkins |
| **Container management Tool** | Kubernetes, Docker-swarm |
| **Programming Languages** | Python, HTML, CSS, JAVASCRIPT |
| **Web/Mobile Technologies** | Odoo, Flask, pyvim, Django |
| **Database Technologies** | MySQL, PostgreSQL, SQLite |
| **Source Control Management** | GIT, Bit Bucket |

**Experience Profile:**

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| **Company Name** | **From ~ To Date** | **Position** |
| GSS Infotech | Oct-2018 to Till date | Senior software developer |
| Nexiilabs | Jul-2016 to Oct-2018 | Member Technical Staff Level1 |
| Gramener IT Solutions | Sep-2015 to Jul-2016 | Associate Data Specialist |
| Kellton Tech Solutions | Aug-2013 to Aug-2015 | Junior Software Engineer |

**Project Summary:**

**@NexiiLabs and @Gssinfotech**

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| Name | **Storage Service Orchestration** |
| Client | **HPC** |
| Technologies/Tools | Python, Django, Django rest framework, mistral, docker, docker-swarm, Jenkins, kubernetes, GIT. |
| Description | Developing REST Services for storage solution, which can connect to the arbitrary number of storage arrays based on the client request. |
| Roles & Responsibilities | * Worked with Client consultant to understand the storage solution. * Designed micro service architecture comprises of API server, plugin manager, task manager and workflow engine. * Developed developer friendly APIs which follow open API standards using Django and Django rest framework. * Developed plugin manager which will internally select the plugin to connect to storage array. * Working on continuous deployment, done with containerization of micro services using Docker and pushed in to local Docker registry. * Written shell script to automate the Docker image creation,   push Docker images to local Docker registry, and pull from the local Docker registry and run with multiple number of replications.   * Completed POC on Docker-s warm to orchestrate the containers with multi master setup for high availability and Resiliency. * Set a pipeline for continuous integration using Jenkins |

**@NexiiLabs:**

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| Name | **VPLEX Test Automation.** |
| Client | **EMC** |
| Technologies/Tools | Python, Vats, Asimo, selfCert. |
| Description | Developed automation tools to certify EMC/Non-EMC arrays and applications with respect to VPLEX. |
| Roles & Responsibilities | * Very good knowledge over Python. * Attended the AQP training and KT process. * Hands-On in writing scripts for Asimo using VATS framework. * Having good understanding over AQP process in terms of RPQ/ECO/paper Quall, ESSM. * Clearly understood the process involved in configuring the required test bed setups through lab ticket filing through service now. * Good understanding over VPLEX architecture and internals and associated storage/OS in detail during current qualification. * Having practical exposure on VPLEX with Local, Metro and Geo configurations along with core components like Engine/Director/LCOM/WCOM etc. * Good over understanding over version control GIT, code review process. * Good understanding over AQP as a service. * Enhancing the automation skill set. * Daily status update to lead and manager. |

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| Name | **Vcenter Monitoring(In House Project)** |
| Client | **Nexiilabs** |
| Technologies/Tools | vSphere Python SDK, Django, PostgreSQL, Sublime Text, Git |
| Description: | This solution provides monitoring of VMWare ESXi environment. It monitors the performance of various component from the Vcenter like host, vms, storage etc. This collector makes a call to the Vcenter, using SDK and processes the data received.  Hourly updates on count of VMS, data stores, network ports, total available RAM, vdisks, vcores.  Resource monitoring for time specified. |
| Roles & Responsibilities | * Worked with VMware vSphere environment and SDK. * Developed Python module to connect and collect the inventory and statistics of the vSphere environment * Developed Python module to process the output provided by API * Managed private GIT repository to manage version controls for the developed code. |

**@Gramener**

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| Name | **DRF** |
| Client | Dr.Reddy's Foundation |
| Technologies/Tools | Python, JavaScript, HTML, Gramex, Sublime Text, VMware, Azure API |
| Brief Project Profile | Worked on reports of Mobilization report and Post placement report that extracted from storage through in VMware/Azure environment. Mobilization Report: It shows the analytics on headcount, Enrollment count, of Aspirants based on center, territory, region and partner. Showing headcount on India map. On the map Every center represented by circle, circle radius represents the head count in that center. Click on circle filters the whole dash board based on center. sunburst chart which shows the Aspirant count of left the job and retained statuses based on segment, Industry, Employer, and job. If the user clicks on any of the part of sunburst, then the total dashboard filter based on the part. |
| Responsibilities | * Developed the required interface and functionalities * Developed map using leaflet.js module and passed sufficient data using pandas data frame to this map. * Developed bar chart using d3.js module, which shows the head and enrollment count with in the time frame of six months by default. * Developed multi line chart using d3.js module, which shows the head and enrollment count with in the time frame of six months by default. * Developed a bar chart which shows the ratio analysis on different statuses aspirant count * Developed a stack bar to show the source of lead count. * Developed a stack bar to show the Follow up count. * Developed multi line chart using d3.js module, which shows the Follow up and enrollment count with in the time frame of six months by default. * Developed sunburst chart which shows the Aspirant count of left the job and retained statuses based on segment, Industry, Employer, and job. * Mobilization and Post placement dashboards are the part of 18 dashboards of DRF. We are followed one branch for one dashboard. I have followed one branch for mobilization report, second branch for post placement report. While merging the my branches with master branch, got conflicts in common css and js files. Removed those conflicts manually with the help of other developers. |

@ **Kellton Tech Solutions**

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| Name | **Odoo-ERP** |
| Client | **Kelltontech** |
| Technologies/Tools | Python, Odoo Framework, PostgreSQL, NetBeans |
| Brief Project Profile | Odoo is an open source ERP application that involves managing and optimizing the purchase, Sales and warehouse maintenance, Finance management, Customer relationship management, Project management, Point of Sale in an organization. By Using this Application we can track sales, Purchases, Inventory and all accounting reports. Odoo providing basic erp functionalities. Kellton Tech Solutions need some functionality changes on purchase, sales, invoice report, Inventory valuation report. |
| Responsibilities | * Developed 25 custom modules which are inherits the basic functionality on sales, purchases, stock and accounting. * Developed new reports for accounting and stock. * Developed module for alias feature. * Changed invoice print format. * Get the sales orders from the amazon server using odoo amazon integration module. Inherited this module and change the sales flow. Automate the total sales flow based on the status of the sales order in the amazon. * Written a module to automate the sales flow and purchase flow to reduce the manual work on processing the sales and purchase orders. * Written a supporting module for currency updater. * Configured three companies using the same repository. Those three odoo servers running on different ports but using the same repository. * Managed private Git master branch to do version controlling on this project. * Given trainings to the employees of kellton Tech, on odoo modules functional flow of sales, purchases, accounting and stock. |

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| Name | **Weberp** |
| Client | **Kelltontech** |
| Technologies/Tools | Yii Framework, PHP, MySQL, NetBeans |
| Brief Project Profile | **WebERP** is a business application that involves managing and optimizing the purchase, Sales and Inventory maintenance, Finance management in an organization. By Using this Application we can track sales, Purchases, all accounting reports . Kellton Tech want to develop a product like this. Basically webERP developed with core PHP. Kellton Tech Developed the same product using Yii Framework. |
| Responsibilities | * Written code for asset management and purchase functionality. * Solved issues raised by testers in sales and stock flow. Tracked the issues using git hub issue tracker. Testers raise an issues based on commit numbers. I will solve the issues and commit the changes to repository. * Worked on bulk data imports to the MySQL database. Client gives the data in csv files. Changed those files according to database structure and imported in to database using phpMyAdmin tool. |

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| Name | **Preventive and punitive vigilance of kpt** |
| Technologies/Tools | Yii Framework, PHP, MySQL, NetBeans |
| Brief Project Profile | **Preventive and punitive vigilance of kpt** is an application developed for KPT that involves managing and tenders, grievances, employee transfer automation and issue tracking. |
| Responsibilities | * Developed the required interface and functionalities using Yii frame work and MySQL database * Managed private git repository to control the commit history of my code * Worked on bulk data imports to the MySQL database. Client gives the data in csv files. I have changed those files according to database structure and imported in to database using PHPMyAdmin tool. * Worked on Database Design and customizations. |