**Prathyusha Vanka**

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Experience Details

* 2+ years experience in software development.
* Experience on Java, J2EE, JavaScript, Python, Openstack Concepts.
* Experience on Google Web Toolkit.
* Hands on experience on Raphael, d3, Backbone js.
* Worked on WSGI python server.
* Experience on Angular js, Android Application.
* Experience on vmware VSphere SDK api.
* Knowledge on Django.
* Hands on development experience on Openstack ceilometer
* Debugging and bug-fixing experience in Openstack
* Developed nova compute driver for vmware metrics collection

Technical Skills

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| **Software** | Core Java, Javascript,Servlets, JSPs, Python, HTML,CSS,SQL,OpenStack concepts,VSphere SDK,Hibernate,mysql |
| **Tools** | Eclipse,Spring tool Suite |

Project Experience Summary

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| **Project** | Open Daylight Engagement |
| **Role** | Developer |
| **Description** | The objective of this project is to build an algorithm (Dijkstra's algorithm)that will define the shortest path among multiple nodes by analyzing traffic and congestion occurred. A path should be created from source node to destination node through multiple intermediate nodes. The path should be dynamically switched in case of over traffic.  It is developed based on SDN.  My responsibilities were as follows:   * Develop the UI and algorithm for building the network topology * develop Rest api calls * Basic Testing * Integration and System Testing |
| **Skills** | Backbone.js, d3.js, HTML5,CSS,java |

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| **Project** | Xirrus Wi-FI designer development |
| **Period** | 08 MAY 13 to 07 SEP 13 |
| **Role** | Developer |
| **Description** | Developing a wifi designer based on signal emission. It is a cloud based application which helps end user to identify the correct place to set the wifi model so that signal will cover maximum area.  My responsibilities were as follows :   * Resolved the blocking issues for project delivery. * Participated in implementing various new requirements. * Participated in Testing the module for delivery. * Involved in supporting various activities. |
| **Skills** | JavaScript,Java,J2EE,HTML/CSS,Hibernate,Springs |

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| **Project** | Cluster Management As A Service(CMAAS) |
| **Role** | Developer |
| **Period** | Oct-2013 to Jun 2014 |
| **Description** | The objective of this assignment was to build a solution to offload fault management from an eNodeB to virtual machine clusters on Openstack cloud platform.  My contributions were in the following areas:   * Database updates to collect data from various load processing clusters via sql agents * Building WSGI server to enable querying the database for UI display of Alarm, Fault and performance data * User Interface to trigger Son algorithm * User Interface to display real-time graph based on JS for performance monitoring and optimization of the network. |
| **Skills** | Java,Python,javascript, GWT |

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| **Project** | Multi-Hypervisor cloud setup |
| **Role** | Developer |
| **Period** | Jul 2014 to Sep 2014 |
| **Description** | The objective of this assignment is to deploy a cloud platform with KVM and VMWare hypervisors and Openstack cloud management platform.  My contributions are in the following areas:   * Study VMWare API to identify appropriate API for fetching metrics for Host and Virtual machine * Build a driver to query VMWare periodically and dump the metrics in ceilometer database |
| **Skills** | Vsphere SDK API, Python |

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| **Project** | Advanced Service Chaining for Virtual Network Functions |
| **Role** | Developer |
| **Period** | Sep 2014 to Dec 2014 |
| **Description** | The objective of this assignment is to Design and Implement vnf-manager and RPC framework for vnf-manager. My contributions are in the following areas:   * Building an analyzer that will run on top of the openstack various components. * Cprofiling and gathering all the relative results and mapping them for particular commands. |
| **Skills** | Python, Openstack services, Flask |

Education Summary

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| **Qualification Category** | **Qualification** | **Subject** |
| Bachelor Of Technology | BTECH | Computer Science And Engineering |

Achievements

**•** Awarded with **Star of the month** for showing excellence in resolving complex issues.

**•** Selected as **Learning Facilitator** to help the trainees in ILP in TCS.

**•** Awarded with **ILP-Kudos** for impressive technical skills and leading team efficiently.

Award Details

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| **Title** | **Category** | **Sub-Category** | **Received On** |
| Star of the Month | Awards for Excellence | Star Awards | 26/07/2013 |
| ILP Kudos | Learning Awards | ILP Awards | 17/04/2013 |
| Champions of ILP | Learning Awards | Champions of ILP | 16/05/2013 |

Company Experience

Tata Consultancy Services(Hyderabad) : Dec 2012 to Dec 2014

Ericsson Global India Services(Bangalore) : Sep 2015 to present