**Prathyusha Vanka (586313)**

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Experience Details

* 1.6 years experience in software development.
* Hands on development experience on Openstack ceilometer
* Experience on Java, J2EE, JavaScript, Python.
* Hands on experience on Raphael, d3, Backbone js.
* Worked on WSGI python server.
* Experience on vmware VSphere SDK api.
* Knowledge on Django.
* Debugging and bug-fixing experience in Openstack
* Experience on Google Web Toolkit
* 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** | Multi-Hypervisor cloud setup |
| **Role** | Developer |
| **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** | Open DaylightEngagement |
| **Role** | Developer |
| **Description** | The objective of this project is to build a User interface to display Network Topologyfor floodlight Controller.  My responsibilities were as follows:   * Develop the UI and algorithm for building the network topology * Basic Testing * Integration and System Testing |
| **Skills** | Backbone.js, d3.js, HTML5,CSS |

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| **Project** | Cluster Management As A Service(CMAAS) |
| **Role** | Developer |
| **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** | 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 :  1.Resolved the blocking issues for project delivery.  2.Participated in implementing various new requirements.  3.Participated in Testing the module for delivery.  4.Involved in supporting various activities. |
| **Skills** | Java,J2EE,JavaScript,JQuery,Ajax,HTML,CSS,Hibernate,Springs |

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 |