

# Ankit Rana

## Contact Details

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## Experience Summary

- Result-oriented Python programmer with 4+ years experience developing, testing, and maintaining enterprise software applications for HPC companies.
- Wrote microservices to create RAID on distributed environment.
- Developed command line interface to configure an installed cluster
- Worked on Puppet manifests and modules to deploy, configure, and manage servers.
- Developed python code which can fetch values from MySQL database to update nodes in distributed environment with the help of Puppet.

## Activities

- Received Certificate of appreciation from Cray, Inc
- Received Statement of Completion for Weekend Workshop on "Block & File System Drivers" by SysPlay on 20 May, 2018
- Received Completion Certificate for Online course "Introduction to Cloud Computing" by IEEE and Edx on Jul 30, 2015
- Received Statement of Completion for Online course "MongoDB for developers" on Aug 12, 2014

## Technical Skills

OS	Linux
Technology	Strong Storage, Filesystem and Microservices
Programming Languages	Python and Bash; Data structures
Tools	MySQL, MongoDB, Kubernetes, Puppet

## Organisations

### Cray, Inc

Role	Software Engineer-2
Period	Nov, 2017 - Present

### Seagate

Role	Software Engineer-1
Period	Mar, 2015 - Oct, 2017

## Project Experience

### Project

Title	Clusterstor Management System (CSM)
Operating System	Linux (Centos)
Tools	Python and Bash
Period	Mar,2015 - Present

### Project Objective

To provide software for automated installation and monitoring of the linux cluster.

### Project Description

Clusterstor Management System (CSM) is the management software to create a linux cluster, provision storage, install parallel filesystem (Lustre) over it This management software is used to monitor the cluster too.

### Role and Responsibilities

- Design and development of enhancement according to project requirements
- Handling responsibility of defects debugging and their resolution.
- Supervised products testing, reviewed and analyzed test results
- Trained and Mentoring junior developers and interns
- Involved in studying the requirements, understanding of the business logic and acquiring sufficient domain knowledge required for the project and making sure to bring new members of team up to the mark with it.
- Actively participated in analysis sessions for resolving production issues.

## Education

Title of the Degree with Branch	College/University	Year of Passing	Score
PG-Diploma (Diploma in Advanced Computing)	CDAC Pune	2015	75
B. Tech (Computer Science)	Graphic Era University, Dehradun	2014	72
CBSE (12th)	DAV Public School	2009	79
CBSE (10th)	St. Mary's Convent School	2007	75