

Ankit Rana

<http://ankit-rana.github.io>

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SUMMARY

- Overall 5 years of experience in development using Python Programming on Linux systems
- Experience in building high performance storage platform and cloud platform in Python
- Certified Kubernetes administrator

EXPERIENCE

Tech Mahindra, Bangalore — Technical Lead

March 2020 - PRESENT

Working as backend engineer for Openstack nova service. Understanding an overall challenging openstack environment and extending it's services. Contributed in debugging defects and developing patches for it.

Cray, Bangalore — Software Engineer 2

November 2017 - November 2019

Participated in all phases of Python development of a product to manage HPC storage. Trained Interns and Junior Engineers to improve quality of overall product.

Seagate, Bangalore — Software Engineer

March 2015 - October 2017

Worked as backend engineer on the product to manage HPC storage. Wrote command line interfaces to configure product.

IIRS(ISRO), Dehradun — Trainee

June 2013 - August 2013

Design and develop applications with opengis to convert rainfall data from csv and visualize on a world map.

SKILLS

Python, SQL
Django
MySQL, MongoDB
Git, Docker and Linux.

AWARDS

Certified kubernetes administrator awarded by Linux Foundation

Certificate of appreciation for work in Cray,Inc

Statement of completion for online course "MongoDB for Developers"

Statement of completion for weekend workshop on "Block and FileSystem Drivers" by sysplay

LANGUAGES

English, Hindi

EDUCATION

CDAC, Pune — *Post Graduate Diploma*

August 2014 - January 2015

Graphic Era University, Dehradun — *B.tech. In CSE*

July 2010 - July 2014

PROJECTS

Tiny Search Engine - Details

Implemented a search engine in Python which uses crawler to crawl over the starting base url, indexer to convert crawled files into a dictionary and query engine to allow users to query the dictionary.

Optimized crawler using Python AsyncIO.

Openstack - Details

Debugged defects in multiple rest-based services environments and developed patches for it in Python.

Clusterstor - Details

Debugged defects in a huge Python codebase as well as developed new features for the HPC storage cluster. Like developing command line interfaces to set any configuration in each node of the storage cluster.