

## Part 1: Writing

### **What is your proudest achievement?**

An introduction about my journey to DevOps :

It's a bit difficult to answer this questions as my whole work experience includes a lot of small but important achievements, in 2012 when I was a student I did not know much about Linux, I was aware of it but did not know about the structure in details, so I started to learn it by working in a small company and grow gradually. My first achievement at that time was passing two major Linux certificates from lpi.org, I had to read around 700 pages of books for each, it was massive but I did that, while I was preparing for the exam I also was learning English in my free time which can be considered as another achievement. The same approaches apply for my DevOps career.

If I want to write about a technical achievement recently, I can talk about integration in our on-premises Kubernetes cluster with Gitlab-ce and Ceph storage that can use Ceph rbd protocol for Kubernetes PVC, it creates a block volume for each PVC, and then s3 object storage caching mechanism for Gitlab-ce. the integration was a massive task so far, I have spent a lot of time even my weekends to build a complete automation around Gitlab-ci and the whole system. We used to use Docker executor in our Gitlab which was too slow to build the jobs but with this new approach, I cut down the build and deployment process time around 50 percent. I can consider as small achievement but when I put all these small achievements together I can say that I am proud of myself.

### **Tell us about a technical book or article you read recently!**

It is absolutely an interesting question that none of my previous interviewers mentioned and asked about, Personally I tend to watch videos on Youtube that I am going to mention them later on, but for books I have started reading Python for DevOps which is an elegant book around the automation movement with python it not only talks about Python but also about major Cloud/Devops concepts and methodologies, with a lot of use cases and case study/assessments scenario teaches a lot of different things I believe it is an asset , the exact name is "Python for DevOps: Learn Ruthlessly Effective Automation "

Some Youtube channels that I follow are: KodeKloud, TechWorld with Nana, That DevOps guy and so on.