1. Are you familiar with Chef? If yes, how many professional years of experience do you have with it? If no, what tools have you used for Automation? **Please explain.**

I am familiar with chef as I am always interested in learning new technologies and implement them. But I have used Ansible which is an open source alternative for chef. I have used ansible for spawning AWS instances and deploy the application on the EC2 instances. From spawning the instances to deploying the application is done automatically using YAML based scripting language. I am proficient using Ansible playbooks.

2) Do you have experience programing in any of the following: Ruby, Python and Perl? **Please explain**.

I have almost 2 years of experience with python and 4.5 years of experience with java. I am also using python and shell scripts for automation in my current organization where I am doing my internship.

1. Share with me how you have used Multi Data Center Management, replication and scaling in your current and or past experiences. **Please explain**.

I have configured AWS instances and used auto-scaling to dynamically increase/decrease the resources. I have migrated data across different AWS S3 buckets. Responsible for cross-region migration without data loss.

1. Have you used any of the following Middleware software: HA Proxy, Consul and Terraform? If no, what equivalent architectures have you used?  **Please explain**.

I have used HAProxy middleware to set up load balancer for my project. Responsible to run the client application on different instances depending on the server load. I have used terraform with AWS to manage the cloud infrastructure.

5) When it comes to Metrics and Monitoring, are you comfortable writing custom tools and familiar with open source options?  **Please explain**.

I am currently using Nagios for windows and Linux server monitoring. I have also used AWS CloudWatch to continuously monitor, collect metrics and so on for the AWS resources. Also, I am continuously exploring different tools.

6) What experience if any, do you have with Linux Administration, specifically DNS, NFS, RPM, Apache, Raid, etc.? **Please explain**.

I am familiar with Linux administration and mounted NFS. I have also used RPM to install software’s on red hat machines. I have configured open source software apace web server(Nginx) which can handle millions of requests at once.