Akshay Maganti

Software Engineer

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Hyderabad

Teangana,500032

Date of birth 22 Nov 1993

- I am a Software Engineer with one year of experiance in Devops department, currently working at GGK Technologies which is located in Hyderabad.
- I have worked as a Trainee software Engineer in SDN (Software Defined Networking) department at Ericsson Global India Pvt.LTD Research , where I worked extensively on Docker.
- I handled the complete deployment of both dotnet and java applications.

Experience

Jun 2016 - present

Software Engineer

GGK Technologies

- I worked on various configuration management tools like Ansible,SaltStack and monitoring tools like Nagios,Ganglia,Sensu.
- I have also worked on Docker extensively (including windows containers) .
- I have hands-on experience in automating deployment process with CM tools,CI tools (jenkins, hudson) and also HAProxy load balancer.
- I have worked on all the important services provided by AWS. I have in depth knowledge on EC2,VPC .
- I have also worked on how to provision the EC2 instances using modules provided by AWS through python scripts(boto module) and powershell scripts(AWS modules)

Jul 2015 - Dec 2015

Trainee Software Engineer

Ericsson Global India PVT LTD,

Clustering of Docker instances of Opendaylight Controllers.

• The project at hand involved working with Opendaylight Controller instances and creating a cluster using Docker Containers.

The goal of the project was to accelerate the adoption of Software-Defined-Networking(SDN) and create a solid foundation for Networks Function Virtualization(NFV). Opendaylight is leading the transformation to open SDN.

•The project involved a basic understanding of Docker.Then we create running instances of Opendaylight controllers by creating an image using DockerFile.

- Then finally we create a three node cluster and verify the setup by connecting an OVS switch and pushing flows from the container and

checking flow on the switch.

• By uniting the industries around a common SDN platform,the ODL community is helping to make interoperable,programmable networks a reality.

Education

Aug 2011 - May 2016

BITS-Pilani, Hyderabad Campus , M.Sc.Mathametics , Electrical and Electronics Engineering

I graduated from BITS-Pilani Hyderabad Campus in 2016. I joined this college under dual degree program , with the help of which I now have M.Sc.Mathematics and B.Tech in Electrical and Electronics Engineering degrees.

Skills

Proficient in C++

Proficient in Java