Nidhi J. Kawale

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aws certified
Solutions Architect - Associate

CAREER OBJECTIVE

To work in a challenging environment which would enable me to enhance my knowledge and skills while fulfilling organizational goals.

WORK EXPERIENCE

Cloud.in

Pune, Maharashtra

Junior Cloud Engineer

Sep, 2020 – Present

- Configuring new infrastructure for End User
- Analyzing and supporting infrastructure in AWS.
- Monitoring system performance and recommend corrective action.
- Documenting current environment and ongoing maintenance of documentation
- Collaborate with product owners, developers, and support staff to ensure continuous and reliable delivery of service

Cloud.in

Pune, Maharashtra

Junior Cloud Engineer-Intern

June, 2020 – Aug, 2020

- I have worked on AWS services [EC2, RDS, VPC, IAM, S3, CloudWatch, CloudFront].
- As a junior cloud engineer-Intern, I was responsible for monitoring alerts using Nagios service, defining the IP addresses, setting the client-based infrastructure, configuring a LAMP on the Linux server.

EDUCATION SUMMARY

Post-Graduation: Master of Technology in Cloud Computing(two Year Degree)(2018-2020) - **SRM Institute of Science and Technology CGPA : 8.91/10 (Aggregate Pointer)**

Graduation: Bachelor of Engineering in Computer Technology (Four Year Degree) (2014 – 2017) - **Rajiv Gandhi College Of Engineering & Research CGPA: 7.91/10 (Aggregate Pointer)**

Diploma : Diploma in Computer Technology-**Dharampeth Polytechnic 65.03%(Aggregate)**, 2014

School (10th)   66.67% -**Tilak Vidyalaya**, 2011

ACADEMIC PROJECTS

1. As a part of MTech External Project (4th Semester 2019-2020) , entitled Hybrid Load Balancing Algorithm For Traffic Engineering Using Software Defined Networking. This research proposes an implementation of a Hybrid load balancing algorithm for SDN based datacenter network to overcome the issues in traditional network architecture such as poor utilization of network resources. A test-bed has been implemented using Mininet software to emulate the network, and Open Daylight platform (ODL) as SDN controller. Python programming language is used to define a fat-tree network topology and to write the load balancing algorithm program. Finally, iPerf is used to test network performance. The network was tested before and after running the load balancing algorithm. The testing focused on some of Quality of Service (QoS) parameters such as throughput, bandwidth, delay, jitter, and packet loss between two servers in the fat-tree network. The algorithm increased throughput and also improved network utilization.

2. As a part of B.E External Project (8th Semester: 2017-18), we developed an android application that enables effective communication between Deaf-Dumb and normal people. Moreover, this application gives a platform to translate sign language to English and vice versa. This work is evident in journal: "An Android Messenger for Deaf and Dumb People", *International Journal of Scientific research in Science and Technology* Vol. (3) Issue (2) pp 98-102.

3. As a part of B.E Internal Project (6th Semester: 2016-17) entitled Augmented Reality Using Markers, we used Processing 1.5.1 software for generating virtual images by using markers (Hero & Kanji).

4. As a Diploma project (6th Semester: 2013-14) entitled A web based Multilanguage Programming Compiler, we developed a platform to compile program using a single Editor. This interface supports 28 language out of which a detail study of 5 language (C, C++, C#, Java, VB-Script) was done.

CORE QUALIFICATIONS

1. AWS Certified Solutions Architect – Associate (Validation Number P5M3EPE2GJR1QBGB)
2. Deploy Openstack using Devstack
3. Deployment of nextcloud using google cloud engine
4. Fundamentals of docker and docker swarm
5. AWS Certified Solutions Architect - Associate 2019(Udemy)
6. Fundamentals of Networking and Cloud Computing

ACHIEVEMENTS

1. Won 1st prize in Futsal in the event of "MALHAR 17" at RGCER
2. Won 1st prize in Cricket in the event of "MALHAR 17" at RGCER

VOLUNTEER EXPERIENCE

1. Worked as a NSS Coordinator (2016-2017)\

EXTRA CURRICULAR ACTIVITIES

1. Participated in "Power Your Future "organized by Microsoft India and IT Networkz.
2. Participated in State level project competition organized by MSBTE Mumbai.
3. Participated in 5 days certification training on "AWS Solution Architect" organized by SRM Institute of Science & Technology,KTR

COMPUTER PROFICIENCY

1. Hands on Microsoft office, HTML, C, C++, Core Java
2. Hands on Private Cloud - Nextcloud, Owncloud.
3. Hands on Public Cloud - AWS, GCP.

HOBBIES & INTEREST

Cricket and Badminton

PERSONAL DETAILS

Date of Birth: 7th September 1995 (7/9/1995)
Gender: Female
Linguistic skills: English, Hindi and Marathi
Place: Pune
Date: Nidhi J. Kawale