Ravi Ranjan Karn

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**OBJECTIVE**

To obtain a challenging position that will utilize my skills and experiences which will also provide me with the opportunity for growth and advancement.

**INTERNSHIP EXPERIENCE**

AIE Software India Private Limited.

Trainee – Software Developer

January 2021 – July 2021

**Responsibilities**

* Knowledge of shell scripting
* Knowledge in open VCS like GIT and creating repositories in GITHUB and assigning the access to the repositories
* Can create new jobs and deploy projects on JENKINS
* Knowledge on creating kubernetes cluster, deployment of pods and creating a cronjob to delete the pods in specific period
* Created a dynamic inventory on GCP using ANSIBLE

**TECHNICAL SKILLS**

* AMAZON WEB SERVICES
* Created, configured and maintained Infrastructure on AWS Cloud Services including **Virtual Private Cloud(VPC), EC2, RDS,** **ROUTE53, SNS, CloudFront, CloudWatch and IAM**
* Experience in migrating servers from data center to Amazon Web Services cloud
* Experience in creating complex **IAM** policies, roles, managing Users & Groups permission and user management for delegated access within AWS
* Worked on AWS, creating and configuration of **EC2** instances, virtual machines to configure with the **Elastic IPs**. Good understanding on creating images with  **EC2** instances.
* Creating backup and Machine Image using Snapshot and EBS backed AMIs(automated/manual)
* Experience developing and provisioning three-tier server less application using LAMBDA, S3
* Commands creating repositories and giving access to the specified members who can perform pull/push operations.
* Build and deploy projects on Jenkins also creating new jobs.
* Used Kubernetes clusters for creating pods and scheduling task using Cron job.
* Created a dynamic inventory using Ansible on GCP
* Beginners on Devops tools
* CI/CD pipelines with Jenkins
* Docker
* Git/GitHub
* Kubernetes

**PROJECT**

**HA Architecture**

* **Project summary:** The project is to build a HA Architecture for website that has minimum of 6-8 instances, and it must be available during high user traffic and at the same time it should be fault tolerant with at least 1 failure availability zone.

**Three Phase Sequence Checker**

* **Project summary:** The objective of the project is to check the current generation by three phase system to attain peak value. A new technique of phase detection system which has an algorithm developed using microcontroller.

**Lighting Design**

* **Project summary:** The objective of the project is to provide suitable wirings and lightings for a shopping complex at each floor. To calculate illuminations level required for each shop at that complex.
* **Skills**: Basics of SQL, Shell scripting, MS-Office, AutoCAD 2010 and Mat lab Capital.
* **Operating system**: LINUX, UBUNTU, ORACLE VIRTUAL MACHINE, WINDOWS.

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree/Course** | **Institute/College** | **University/Board** | **Year of Passing** |
| BE (EEE) | New Horizon College of Engineering | VTU | 2018 |
| Diploma(Electrical) | Western Region Campus | Tribhuwan University(Institute of Engineering) | 2013 |
| 10th | Shree Rajdevi Thako Devi Jogendra Bhagat Secondary School | Nepal Government | 2009 |

**CERTIFICATION**

**AWS Certified Solutions Architect – Associate**

Validation Number NZ6WVXHJJN1Q125M  
Validate at: <http://aws.amazon.com/verification>

**CO - CURRICULAR ACITIVITY**

* Secured first place in event (Tug of war) organized by Department of Information science in college.
* Awarded by college for my contribution towards achieving the top Honors for the institution.
* Awarded scholarship in Tech Jam, organized by The Gate Academy.
* Taken part as a coordinator in several college level and inter college level Festival.
* Done a complete and detailed study on Hydropower generation and transmission

**STRENGTH**

* Good Communication Skills.
* Team player with ‘Out of Box’ approach towards problem resolution.
* Quick learner

**PERSONAL DETAILS**

* Date of Birth : 3rd May 1994
* Languages Known : English, Hindi, Nepali
* Address : F-004,Tower-4,Adarsh Palm Retreat, Devarabeesanahalli, Outer Ring Road,BENGALURU-560103

DATE: Ravi Ranjan Karn