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DEVANSHU OZA

SUMMARY:

- Having 1.4 years of experience in Software Engineering. Currently working on Dev Ops, Configuration Management, Build Management and cloud development.
- Hands on experience in designing and developing system using Web technologies including **Python, Node JS, JavaScript, HTML, CSS**
- Good experience in designing and developing **Web-Services.**
- Exposure of developing web services **using Microservice architecture.**
- Good problem solving and debugging skills.

COMPUTER SKILLS:

Operating System	Linux(Ubuntu),Windows
Languages	Python,Node JS
Web Development	HTML, CSS, JavaScript, JQuery, Ajax,Angular JS,React Js
Database	**RDBMS** – SQL Server,MySQL,Oracle
	NoSQL – MongoDB,Cassandra
	In-memory/Caching – Redis
Web/Servers Technologies:	Websocket, REST APIs development, Django, Django REST Framework, Bottle, Flask, XMPP, PHP, HTML, CSS, Bootstrap, NodeJS, JavaScript, Nginx
Cloud Technologies	Amazon Web Services
Devops & Monitoring Tools	Nagios, Jenkins,Docker,Docker-compose,RabbitMQ,PagerDuty,Sentry,Consul
Network Protocol	TCP, UDP, AMQP, MQTT
Version Control	Github, Gitlab, Bitbucket, SVN
Tools	Nginx
Networking Tools	Wireshark,SSH
Other skills	JSON,XML,JWT

CERTIFICATES:

- AWS Certified Developer – Associate

EXPERIENCE DETAILS:

Experience in executing following kind of projects:

1. Infrastructure Monitoring :

Infrastructure monitoring enable organizations to identify and resolve AWS infrastructure problems before they can adversely affect critical business processes. They give insight into the status of AWS cloud Instances,Dynamodb. In addition to monitoring the cloud Instances as well as application running on same.It is quickly report to authorized person when any incident occur.They can also help ensure that any necessary outages have minimal impact on users.

My Contribution	• Setting up EC2 Instance to run web application. • Setting up Nagios for infrastructure monitoring using NRPE plugin. • Automate notification using AWS cloud-watch & PagerDuty to notify appropriate user group. • prepare a dashboard and deployed it in a s3. • setting up Sentry for log's of application server.
Platform	Linux(Ubuntu)
Development Tools	AWS EC2,Dynamodb,S3,Nagios,Sentry,supervisor for process management

2. **Remote Device Management - A cloud solution to manage IoT or Industrial devices :**

Remote Device Management (RDM) is a platform on cloud enabling remote management of connected devices. This platform comprises with services and features spanning from device on-board, device registration, authentication, device configurations management and control, device monitoring and diagnostics, device software updates and maintenance.

My Contribution	I was involved in development of core services described below: • Deployment process done by using Docker,Gitlab & Jenkins • Defining sentry bases logger management • Automated deployment process • PM2 for Process Management • User-management & authentication Service • Configuration service • Control service • LWM2M client-server development • Alert Service
Platform	Linux(Ubuntu)
Development Tools	ExpressJS(Node JS),Cassandra,Redis,AnhularJS,HTML,CSS,RabbitMQ,JWT,GIT

3. **Load Balancer :**

Load Balancer provide you a capability to route traffic according to configurations made by user in a load balancer.It is using multiprocessing architecture to server multiple request at a time and handle more heavy traffic easily.It is very easy to use and configure for small and medium type applicarions.

My Contribution	End to End Solution
Platform	Linux(Ubuntu)
Development Tools	Python

4. **Serverless Code Deployment :**

Serverless Code deployment gives you power to write your code without worry about hosting. In this application you have to write a code within a function and on single click it will be deployed and ready to use.you can easily access that using API's.

My Contribution	End to End Solution
Platform	Linux(Ubuntu)
Development Tools	Python,RabbitMQ,Docker SDK,nginx,Registrator,consul

EDUCATIONAL QUALIFICATION:

- M.sc(Inforation Technology) from Charotar University of Science and Technology, Changa.