Pratik Meshram Software Engineer.
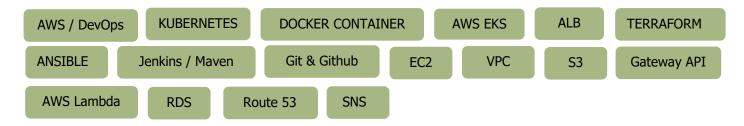
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RESUME PROFILE

Dedicated To Seek a Suitable Position In Your Esteemed Organization, Where I Can Contribute my Intelligence , Skills , Dedication and Knowledge Towards the Growth of Your Organization. Seek to work as an AWS solution architect to utilize the skill in AWS domain, and further enhance my knowledge. Desirous of a DevOps Engineer role in a challenging workplace that welcomes innovative ideas and offers growth opportunities and positive environment for accomplishing projects.

RELEVANT SKILLS

AWS / DevOps	KUBERNETES	DOCKER CONTAINER	AWS EKS	ALB	TERRAFORM
ANSIBLE	Jenkins / Maven	Git & Github	EC2	VPC	S3 · Gateway API
AWS Lambda	RDS	Route 53	SNS		

TECHNICAL SKILLS

Cloud Computing

- Knowledge and skills on how AWS cloud computing model works as **IaaS, PaaS, SaaS.**
- Understanding on AWS Global Infrastructure like Availability Zones, Regions, Edge Location, Global Network.

AWS Solutions Architect Associate :

- Strong Knowledge and hands on experience building a highly available and fault tolerant architecture in AWS.
- Deploy, manage, and operate scalable, highly available, and fault tolerant systems on AWS.
- Knowledge of **Dynamo-DB** non-relational database and Relational Databases (**MySQL, Amazon Aurora, MariaDB**) in AWS .
- Maintaining and creating **Failover infrastructure** by making use of **AWS Read Replicas** for Databases in Multi-availability and Region specific Zones .
- Good understanding and practical hands on experience in **Amazon VPC** , **NAT gateway** & **NAT instance** creation , **NACL** use case in VPC , **VPC Endpoint** accessibility in Private subnet .
- Maintaining **Cloud security** and **User Logs** using AWS provided tools such as **Cloud Watch** and **Cloud Trail**.
- Knowledge on delivering and maintaining fast accessible content using AWS resources such as **S3**, **Cloudfront** , **Edge locations** & **ElastiCache service**.

DevOps Engineer :

- Version control system :- **Git and Github.**
- Practical knowledge on Git and Git hub's CLI usage , local and remote repository working commands such as Git add, commit, push, pull, merge, rebase etc.
- Automation/Build Tools – **Terraform , Jenkins , Ansible , Kubernetes** .
- Micro Services – **Docker Container Technology** (Build, Tag, Push, Pull).
- Knowledge of necessary Linux commands essential for everyday functioning of DevOps Engineer Role.

PROJECTS

a) Built a Server based Wordpress Application site with extensive use of AWS services such as S3 , IAM, EC2 , RDS (MySQL), **Route 53** to make the website highly available , fault tolerant and failover resistant.
   - Keeping security in view , created Public and Private EC2 instances with reader node for general public use and writer node for root user , thereby making the website highly secure in terms of accessibility.
   - A highly available architecture that involves multiple components working together to ensure uninterrupted service during a specific period .
   - We eliminated single points of failure & automatic failover with failure Detection by using AWS auto scaling group and application load balancer. We have enabled automatic data Backup on regular basis into S3 bucket.
b) Data Processing :- Cleaning and processing data sent by client using a python code deployed over AWS Lambda , which would take input from AWS S3 buckets , process the data and store the output to another bucket simultaneously making a database entry in DynamoDB .
c) Building a Server-less event driven cost effective , fast , efficient and self reliant user registration Portal using various AWS services that would process https requests using **Gateway API/REST API** , which would use a python code deployed over AWS Lambda thereby triggering a chain of events that would successfully register an user over this SMS portal and also make those entries to a cloud database platform like DynamoDB.

ADDITIONAL SKILLS

- AWS Services [IAM] [S3] [EC2] [EFS] [Load Balancing] [Auto Scaling Groups] [RDS] [VPC] [Route 53] [EMR] [Redshift] [SQS] [API gateway] [REST API] [Lambda] [ECS ec2/fargate] [Cloud Watch]
- [**API-CGI**] , Network file storage [**NFS**] , Network attached storage [**NAS**] .
- Intermediate level understanding of networking standard protocols and components such as: HTTP, DNS, TCP/IP, ICMP, the OSI Model, Subnetting and Load Balancing .
- DevOps Tools [Docker/containers] [Terraform] [Jenkins] [Kubernetes] [Ansible]
- Languages :- Python , MySQL (Basics) , NoSQL (Basics) , Shell Scripting , Apache Webserver
- Virtualization :- Oracle Virtual Box , Amazon AWS/EC2
- IDE :- VScode , Jupyter Notebook , Pycharm
- OS :- Linux , RHEL 8 , Android , Windows.

WORK EXPERIENCE

- JR. ARCHITECT/AUTOCAD DESIGNER • AR. VIHANG AND ASSOCIATES , NAGPUR • JANUARY - 2020 – AUGUST – 2020

   Job Responsibilities :
   i. Maintaining and Installing Architectural Software over multiple Windows systems in the organization.
   ii. Providing solutions over software crash issues and Other windows technical issues.
   iii. Preparing building models and drawings as per client requirements .
- ENGINEER • M/S. IDEAL CONSTRUCTION COMPANY ARJUNI/MOR. • OCTOBER-2020 – JANUARY-2021

   Job Responsibilities :
   i. Managing Online Government Tendering process for securing work contracts .
   ii. Preparation of daily, weekly and monthly progress reports to both client and internal office.
   iii. Installation , configuration and maintenance of windows OS in the organization Systems.
   iv. Maintain labour force of about 10 to 15 men and ensure timely delivery and availability of material needed for DBM road works .
- SITE ENGINEER • JMC PROJECTS (INDIA) • FEB - 2021 – JULY – 2021

   Job Responsibilities :
   i. Preparation of daily, weekly and monthly progress reports to both client and internal office
   ii. Maintain labour force of about 8 to 10 men , Machinery and equipment needed .
   iii. Ensure timely availability of materials as and when needed at site thus maintaining efficient flow of work.

EDUCATION

- BACHELOR OF ENGINEERING (B.E.) • 2018 • RTMNU , NAGPUR
  Percentage Points : 63.79%
- HSC • 2014 • Z.P GANDHI JR. COLLEGE OF SCIENCE .
  Percentage points : 62 %

CERTIFICATIONS

- AWS cloud solutions architect .(3RI Technologies , Pune)
- DevOps Engineer (AWS integrations with DevOps tools) (3RI Technologies , Pune)
- Programming Foundations: Fundamentals (Linkedin)
- Learning Python (Linkedin)
- Programming Foundations: Database (Linkedin)
- Autodesk (AutoCAD)

PERSONALITY TRAITS

- Possess good organizational and time management skills.
- Passionate and enthusiastic to learn new things and technology.
- Fast Learning Skills to learn Business, Applications and Testing Cycles.
- Have good oral and written communication skills.
- Quick learner and self motivated.

INTERESTS

- Outdoor Sports (Volleyball & Football)
- Swimming , Dancing , Drumming .
- Books on Financial Matters and Personality Development
- Fashion

DECLARATION

I, Pratik Meshram, hereby declare that the above furnished information is true and correct to the best of my knowledge .

Sincerely

Pratik Meshram