ABHILASH MP

10 years of rich IT Experienced Engineer having extensive hands on experience on Networking Engineer, Cloud (AWS), DevOps, SRE, Cybersecurity with Enterprise Architecture knowledge.

Bangalore

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**Abhilashmp02@gmail.com**

**Infosys Limited,** Bangalore — *Technology Analyst*

September 2015 - PRESENT

AWS Solutions Architecture:

* Working closely with different teams, like app teams, storage, security, database, network, etc. to analyze application behavior and making infrastructure recommendations.

# Very good hands-on experience on VPC, EC2, Autoscaling, ECS, EKS, ALB, NLB, CLB LAMBDA Route 53 , RDS, DynamoDB , CloudWatch, CloudTrail and VPC Flow logs IAM, ACL, Security Groups and AWS security best practices, SNS and SES

* Designed and deployed **Three-Tier Architecture (LAMP and MERN) in AWS Cloud** as per customer request.
* Very Good hands-on experience on **AWS Well-Architected Framework**, **AWS Trusted Adviser and AWS Config** tools to evaluate the migrations suitability and tight security compliance.
* Design and develop continuous integration and deployment pipeline, integrating Git, Jenkins and Ansible across geographically separated hosting zones in AWS.

# Bake the Images and Deploy Pipeline with the help of spinnaker in AWS Cloud.

* Very good extensive experience on Migrations from On-Prem to AWS cloud for 3-Tier Applications.
* Migrated **Amazon Connect (Contact Center deployments)** from on-premises to AWS Cloud.

DevOps & SRE with multi Cloud (AWS + GCP):

* Very Good Experience on software code Build, release and Deployment activities.
* **DevOps Lead in Agile Scrum call** activity to deliver the products on/or before the timelines.
* Considering the user stories on JIRA, RALLY and ServiceNow
* Very good experience on SCM repos like GITHUB and GITLAB.

# Implementing CI/CD Pipelines with GITLaB CICD and Jenkins.

* Microservice Deployment with help **harness.io & Spinaker.io** GLB as **NGINX+** with service Discovery as **Consul** in Hybrid cloud **(GCP + AWS).**
* OS level automation activities with the help of **Ansible tools** on Linux environments and hands on knowledge **on writing Playbooks.**
* Very Good Experience on building **Docker (Dockerfile)** and Orchestration on container-based applications with **EKS/GKS and repository in ECR/GCR**

# SKILLS:

AWS Cloud Computing, DevOps.

Linux Administration Python Scripting Shell scripting

PowerShell Scripting [for Deployment in CICD Pipelines GitLAB]

YAML Files for GITLAB CICD and Ansible Playbooks.

Enterprise Architecture (TOGAF 9.1).

Networking [TCP/IP, Load Balancers, Proxy servers]and VoIP[UDP/H323/SIP/RTP]

Web Servers :Apache & NGINX ITIL

Learning UML Modeling AWARDS:

Best Team lead with Zero escalations.

# Trainings & CERTIFICATIONS

**TOGAF 9.1 Enterprise**

**Architect Certified (130528)**

**AWS Solutions Architect**

**–Associate (Verification #LVPBZKYCK1RE1JGE)**

* Very Good understanding of writing Docker files on NodeJS and JAVA based Environments for smooth delivery and Deployments.
* Good Knowledge on **ELK stack** for Application Monitoring
* Experience on Cloud based storage and DB technologies, MySQL, MongoDb, DynamoDB, Redis, S3.
* Monitoring the environment with the help of Prometheus.
* Provisioning infrastructure with the help of IAC using **Terraform for AWS Providers** with the help of custom Modules.
* Pushing all the Code Executables to **JFROG Artifactory** (Using JFROG CLI Commands) and **BigBucket to store the CI packages**.
* **SonarQube** GITLAB CICD V12.5.EE to verify the CodeSmell, Bugs and Vulnerabilities as per developers' request.
* Migrated on prem to Cloud (AWS) and K8 environments **to AWS cloud**.

**Security:**

* Implemented AWS security best practices for implementing cloud environments with WAF, Data Leakage Prevention, Multi Factor Authentication, Data Protection standards etc.
* Good implementation experience on Security best practices on VPC [Virtual Private cloud] with DMZ, NAT and Security Groups which gives robust security compared to on-premise standards.
* Good Experience on cryptographic algorithms, AWS Certificate Authority Management, PKI and key management.
* Basic understanding on Cyber security and internet security’s responsibility

# Release & Build Experiences:

* Very good understanding on Plan the release windows and cycles across a sprint
* Communicate all key project plans, commitments, and changes including requirements, QA plans, schedule, and scope changes
* Conduct Release Readiness reviews, Milestone Reviews, and Business Go/No-Go reviews
* Weekly Release Reporting, communicate release details and schedules to the Business as required
* Continually work towards making improvements in the release process, Lead and co-ordinate the Go-Live activities including the execution of the deployment Plans and checklists.
* Develops scripts and automation tools used to build, integrate, and deploy software releases to various platforms
* Participate in [CAB](https://en.wikipedia.org/wiki/Change-advisory_board) and CCB meetings to discuss release scope and/or roadblocks

# AWS Developer Associate

**(Verification #9M6ZES6K3NB4QSK5)**

 **Infosys DevOps Certified. ITIL Foundation V3**

**CCNA, CCNA Voice**

**Infosys DevOps Professional Wipro HIPPA Compliance**

**Infosys SD-WAN and SDN Trainings**

**Infosys IOT Workshop [on Raspberry Pi processor]**

**TOGAF-Enterprise Architecture:**

* Designing Cloud Computing (AWS) projects with TOGAF Methodology and Framework.
* Good Knowledge on Architecture Governance and Skills as per TOGAF.
* Good knowledge and practice on how to articulate and Artifacts, Building Blocks re-usability and good understanding of the Meta Model.
* Very Good Knowledge on ADM (Architecture Development Method) Cycle.
* Good Knowledge on ADM Guidelines and Techniques to get baseline architectural to Target Architecture.
* Good understanding Architecture on existing architecture and migrate with ADM from AS IS (Baseline Architecture) to TO BE (Target Architecture).
* Keen observation and periodic reviews on Architecture techniques using (traceability, GAP Reports and risk mitigations actions.)
* Understanding of large-scale Enterprise Architecture projects, including planning and cost estimation through requirements, design, development, testing, implementation, and deployment of the solution.
* Good Knowledge on BDAT [Business, Data, Application & Technology] Architecture. Which includes Security Architecture
* Good Understanding on Architecture Landscape [Strategic segment and capability].

**CTS,** Bangalore— *Technical Leader (Assistant Manager role)*

March 2015 – August 2015

Leading 10+ L1 team with helping and Managing (Technical + ITIL Process].

Good Knowledge on Networking concepts in L2, L3 [datalink, network layer] and L4 [Transport layer]and L7 [Application layer, protocol SIP]

**WIPRO LIMITED,** HYDERABAD — *SENIOR SYSTEM*

*ENGINEER (Network R&S, VoIP and Contact-Center)*

April 2013 – March 2015

Cisco Voice and Data Network engineer performed implementations and Troubleshooting activities on Global Healthcare environments.

Automating the all the network environments with SDLC Process

Code Walk through of C++ where CUCM Component in all the Architecture Layers.

**HCL Limited** Chennai— *SENIOR Analyst (Network R&S and VoIP)*

April 2010 – March 2013

Cisco Voice, Data and Firewall L1 Engineer Administration and Troubleshooting.

Preliminary level of Monitoring and Logs analysis knowledge. L3 and L4 debugging with the help of WireShark tools.

# EDUCATION

## PBR VITS Kavali

***JNTU Anantapur B.Tech (ECE).***

**March 2006 – July 2010.**