

**BALA VENKATA TEJA ATLA**

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**Azure Cloud Architect**

**SUMMARY:**

- Azure Cloud Engineer with over 1 year experience in system and network administration, managing server Infrastructures and data-center operations across multiple platforms (UNIX, Linux, Windows).
- Azure experience – extended working knowledge in cloud service, IaaS, PaaS, VM Migrations, AKS, ACL, VNet, Traffic Manager, Azure Cloud Services, SQL Azure, Active Directory, Data Factory, Data Lake, Data Factory, ExpressRoute, Power Shell, OMS, blob storages. Configured NSGs for two tier and three tier applications. Experience in integrating on premises servers to Azure. Configured VNETs and subnets as per the project requirement. Configure Azure blob storage and Azure file servers. Configured private and public facing Azure load balancers etc.
- Enterprise-level experience - Working with large teams and involved in architecture of highly scalable, secure, distributed applications, aligned with company standards, process, methodologies, and best practices.
- Extensive hands on experience in designing, building and automating cloud infrastructures on Amazon.
- Well-versed in DevOps principles and Agile software development practices.
- Installation, Configuration and Management of RDBMS and NoSQL tools such as Oracle DB, MySQL, MongoDB.
- Experienced on deploying multiple versions of Java with Tomcat, Apache and WebLogic servers on Azure cloud platform.
- Experienced with configuration and automation tool such as ansible, to automate a broad range of Services.
- Experience working on version control system tools like GIT and SVN, and also having strong knowledge on source Control concepts like Branches, Masters, Merges and Tags.
- Experience with deployment and build management tools like Jenkins and Maven.
- Hands on experience on development of utilities using shell scripting to automate processes.
- Work experience in ansible and Docker, Writing Docker files for different Environments and Creating Docker Containers.

**Technical Skills:**

Cloud Technologies	: Microsoft Azure.
Cloud Services	: IaaS, PaaS, VM Migrations, VNet, Traffic Manager, Azure Cloud Services, Active Directory, Data Lake, Data Factory, AKS, ACI, ExpressRoute, Power Shell, OMS, blob storages and other services.
Monitoring tools	: Azure Monitor.
Automation and Build	: Maven, Ansible, Jenkins.
Scripting	: Shell Scripting.
Version Control Systems	: SVN, GIT.
Operating Systems	: Windows & Linux.
Programming Languages	: Java.

## **PROFESSIONAL EXPERIENCE**

### **Project-1:**

Client: Ford Direct, Dearborn, MI, USA June 2018 Current

Role: Cloud Engineer

#### **Description:**

Ford Direct provides digital marketing and advertising solutions to Ford and Lincoln dealers, giving them the platform to drive more sales. It is using or experimenting with nearly every Azure service to develop, test, build, and run its most critical workloads. Ford Direct is using Azure as central part of its technology strategy.

#### **Responsibilities:**

- Designed and configured Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing.
- Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
- Exposed Virtual machines and cloud services in the VNets to the Internet using Azure External Load Balancer.
- Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
- Implemented high availability with Azure Resource Manager deployment models.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
- Setup Azure Virtual Appliances (VMs) to meet security requirements as software based appliance functions (firewall, WAN optimization and intrusion detections).
- Leveraged VNET system routes and underlying route table that holds Local VNet Rules, On-premise Rules, Internet Rules and IP Forwarding as design basis.
- Designed User Defined Routes with custom route tables for specific cases to force tunnelling to the Internet via on premise network and control use of virtual appliances in the customer's Azure environment.
- Associated routes with VNets via the route table per relationship constraints.
- Managed IP Forwarding for VMs and role instances acting as virtual appliances.
- Worked with IAM to manage the users and groups using IAM by assigning individual policies and roles to each users and group as per requirements.
- Designed high availability environment for Application servers and database servers on VM's by using Scale-Sets.
- Used Azure Monitor for monitoring Azure cloud resources and the applications that deployed on Azure by creating new alarm, enable notification service.

### **Project-2:**

Project Name: Cloudfication – Azure Devops Initiative Project

Client: ITC INFOTECH

Role: Devops Engineer

**Responsibilities:**

- Worked on CI/CD tools Jenkins and GIT version control system for continuous smooth code release process.
- Extensive experience using MAVEN as build tool for the building of deployable artifacts (jar, war & ear) from source code
- Integrated Jenkins with GitHub private repositories, build Automation tools (Maven and Ant), and Artifact repository for pushing successful build code.
- Developed Shell Scripts to run the unit test on different jobs on Jenkins like testing the code.
- Experienced with configuration and automation tool such as ansible, to automate a broad range of Services.
- Experience working on version control system tools like GIT and SVN, and also having strong knowledge on source Control concepts like Branches, Masters, Merges and Tags.
- Experience with deployment and build management tools like Jenkins and Maven.
- Hands on experience on development of utilities using shell scripting to automate processes.
- Work experience in ansible and Docker, Writing Docker files for different Environments and Creating Docker Containers.

**Achievements:**

Certification - Implementing Microsoft Azure Infrastructure Solutions (70-533).

**Experience Summary:**

Working as Azure Cloud architect with ITC Infotech, Bangalore from May 2018 to till now.

**Educational Qualification:**

Bachelor of Technology in ECE (Electronics and Communication Engineering) from JNTU ANATAPUR.

**Declaration:**

I, hereby declare that all the details furnished above are true to the best of my knowledge and belief.

**DATE:**

(A.BALA VENKATA TEJA)

**PLACE:** Bangalore