# CURRICULUM-VITAE

### ANWAR NAZAR

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**OBJECTIVE: -**

Seeking a position to enhance my skills and abilities in the Information Technology Industry that offers professional growth while being resourceful, innovative and flexible. To serve a growing organization to the best of my ability sincerely, honestly with hard labor and where I am the role player for the overall growth of the concern and give respect to my senior. I am ever keen to acquire some new technologies and climb the corporate to ladder by honest and hard work.

**Professional Experience: -**

# Professional Summary:-

* Design of Computational Products & Services. Intelligent Automation
* Design of Computational Models & Architectures. Distributed Computation
* NLP / Deep NLP & Text Mining
* Machine Learning, Deep Learning & Reinforcement Learning
* Probabilistic Programming, Causal Inference & Decision Making
* Artificial Intelligence / Cognitive Computing
* Understanding of industry applications for artificial intelligence
* Passionate and knowledgeable about AI/ML and Natural Language Processing (NLP) trends in the market
* Experience with leading AI and intelligent systems platforms – decision making systems, machine learning systems
* Code algorithms and statistical models, applying e.g. NLP (natural language processing), deep learning, predictive modeling
* Hands on experience in Deep Learning and or Machine Learning, frameworks like Caffe , Theano, TensorFlow , Keras, PyTorch, Caffe/Caffe2, MXNet
* Lead and execute analytic projects – designing, creating and innovating to meet Product Development and Analytics goals
* Support the application of AI technologies, including time series modelling, for product development engineering
* Develop cognitive application prototypes that solve issues using leading AI technology frameworks
* Deep understanding of Artificial Intelligence, including analytics, data management, business intelligence, and predictive analytics
* Machine/Deep Learning – machine learning algorithms and platforms, neural networks
* Background in statistics, probability theory, data modeling, ML algorithms and software development techniques and languages
* Good understanding of Deep Learning networks such as CNNs, RNNs, LSTMs and RBMs
* Experience of implementing enterprise solutions using at least one; cognitive platform e.g. IBM Watson; Google Cloud AI; Microsoft Cognitive Services
* Solid foundation in agile and scrum development methodologies

###  Professional experience: Total 8+ years of experience: -

**Company: Deviter Business Solution PVT.LTD Role: DevOps Engineer.**

**Duration: Oct 2017 to till date.**

**Technical Profile: -**

* Experience with Ansible in production environments with many nodes
* Experience with revision control source code repositories (Git, SVN, Mercurial)
* Knowledge of docker, docker-compose and container technology, experienced at designing, deploying and scaling Docker based production systems
* Experienced at working hands-on, automating everything from deployment to day-to-day management tasks
* Good understanding of network design and security e.g. use of firewalls, subnetting etc
* Excellent knowledge of scripting in Linux and Windows (Bash, Groovy, Python, PowerShell, etc.)
* Experience with design and implementation of CI and CD (preferably worked on large platforms)
* Excellent knowledge of Agile practices and Agile release process
* Experience with Chef in production environments with many nodes
* Experience migrating & deploying application of containers and managing applications with container management platforms (ECS, Kubernetes, Docker Swarm)
* Linux and Windows-based systems administration experience in a Cloud or Virtualized environment
* Experience with application containerization and orchestration frameworks – docker, AWS ECS, Kubernetes
* Experience with DevOps tools - Jira, Confluence, GIT/Bitbucket
* Experience with Chef, terraform, CloudFormation, AWS CLI and AWS SDK in production environments with many nodes
* Experience with Chef, Puppet, Salt, Ansible or CloudFormation in production environments with many nodes
* Experience with revision control source code repositories (Git, SVN, Mercurial, Perforce etc)
* Experience with continuous integration automation tools such as Jenkins, Team City or similar
* Experience in an Agile delivery environment, Cloud infrastructure environment (such as AWS) or other application/web server (such as WebSphere)
* Experience as a technical specialist
* Experience in the IT field
* Good knowledge of data storage systems and consistency/availability trade-offs (e.g. SQL Server, MySQL, Redis, MongoDB, Cassandra)
* Understanding of microservices and distributed application architecture
* Understanding of Cloud and Service-Oriented Architecture (SOA and REST)
* Understanding of Service-Oriented Architecture (SOA and REST) and microservices
* Mastering/Leading in the development of applications/tools using Python.
* Worked on several python packages like NumPy, SciPy, pytables etc.
* Having Good Experience in Object Oriented Concepts with C, Java and Python.
* Experience in Design, Development, Testing, Automation, Enhancement and Maintenance of Applications and Tools.
* Good knowledge in various phases of SDLC Requirement Analysis, Design, Development and Testing on various Development and Enhancement Projects.
* Having good domain expertise in developing applications/tools using programming in C, C and Java.
* Having experience in developing GUIs using Tcl, Tk and Java.
* Good Experience in error and exceptional handling.
* Good Experience in debugging the issues using debuggers like gdb, pdb.
* Development of Applications/Tools for validation of next generation IA32 Enterprise Processors.
* Familiarity with development best practices such as code reviews and unit testing.
* Experience in writing test plans, test cases, test specifications and test coverage.

**Professional experience:**

### Company : Netgains Technologies PVT.LTD Role : Sr.System Administrator.

**Duration : April 2017 to Oct 2017.**

**Technical Profile: -**

* Handling the Netmagic Datacenter with Rack Server
* Handling with troubleshooting (Dell PowerEdge R710 & IBM Servers)
* Handling critical and troubleshoot the VMs and Host.
* Managing the Dell Storage with Vms.
* Managing the entire L2- L3 switches on a daily basis
* Managing routers
* Managing Mail servers, IIS servers
* Managing multiplatform Firewalls
* Managing MPLS and Internet circuits
* Change control and network change implementation
* 24\*7 operation support
* Analysis and resolve connectivity/network related issue
* Managing Network backup and restoration issues for data centers
* Daily data analysis and preparation of daily/weekly report
* Interaction with Clients

**Professional experience: -**

### Company : SYSTEL Communications PVT.LTD Role : System Administrator.

**Duration : July 2013 to April 2017.**

**Technical Profile:-**

* **VMware vSphere**
	+ Installation and Configuration of vSphere 5.5 & 6.0 (ESXi and vCenter server).
	+ Managing VMware infrastructure environment with 6+ ESXi servers, 500 plus virtual machines.
	+ VM Servers build & rebuild (Deploying the New VM from the Template and Cloning an Existing VM) as per the client request through change management process. Installing and configuring ESXi servers.
	+ Installing, configuring and managing virtual infrastructure and vCenter.
	+ Worked as a VMware/Windows admin to provide L2 support in a complex Environment.
	+ Creating and managing resource pools and adding the VM's into resource pools.
	+ Manage VM’s using VMware vCenter.
	+ Creating and managing virtual machines and installing VM Tools into VM's.
	+ Managing VM's through Web access.
	+ Configured Resource Pool, V Motion, Alerts, Alarms, NTP
	+ Creating and managing VMware cluster. Enabling HA and DRS features in a cluster.
	+ P2V and V2V conversions by using VMware Converter.
	+ Creating duplicate Virtual Machine’s using cloning technology (hot & cold).
	+ Performing Snapshots, Cloning, cold migrations and hot migrations.
	+ Creating templates from VM's and deploy VM's from templates and allocate resources.
	+ Creating duplicate VM's using cloning technology.
	+ Moving VM's from one LUN to another LUN using Storage vMotion
	+ Manage task, events and alarms.
	+ Troubleshooting virtual machine issues.
	+ Manage users, groups, permissions and roles.
	+ Installation and configuration of virtual machines.
	+ Migrate and manage virtual machines and ensure high availability of applications.
	+ Configuring Alarms for the Hosts and VMs.
	+ Deploy virtual machines from template and allocate resources.
	+ Performance Monitoring and Service monitoring.
	+ Configuration of vSwitch and network connections (port groups).
	+ Setting up priorities on CPU, Memory (RAM) and other resources.
	+ Implementation, configuration and maintenance of HA, DRS and Resource pool.
	+ Migrating of VMs via vMotion, cold vMotion and Storage vMotion.
	+ Migrate to Physical Server to Virtual Server using VMware Convertor (P2V Convention)
	+ Root Cause & System Log Analysis and reporting.
	+ Installation and Configuration of Linux for new build environment.
	+ Administrating and troubleshooting RHEL 6 & 7 server.
	+ Packages and Patches administration on Red hat.
	+ Good knowledge about domain Registration, DNS Servers, Manages, A record, MXrecord, CNAME records and SPF records etc.
	+ Basic creation and troubleshooting on scripting like Shell.
	+ Installing, Managing and Upgrading the Linux Servers ( CentOS) .
	+ Installation and up gradation of OS kernel and additional packages using RPM, YUM
	+ Configuring LVM on Linux system
	+ Successfully attended calls related to customer queries and complaints, offer solutions to them.
	+ Configuring NFS, Samba, FTP, DHCP and DNS on Linux Environment.
	+ Backup and recovery by using tolls like Tar
	+ Monitoring system performance, Server load and bandwidth issues.
	+ Managing Linux Users & Groups.
	+ Managing E-Mail Server, Proxy Server (SQUID), FTP Server and SAMBA
	+ Controlling Access to Files with Linux File Systems Permissions.
	+ Configuring Virtual Host, SSL Certificate Settings in Apache Web Server ( httpd)
	+ Installing and Updating Software Packages.
	+ Managing Red Hat Enterprise Linux Networking.
	+ Adding Disks, Partitions, and File Systems to a Linux System.
	+ Responsible for maintaining the network Load balancing & troubleshooting the network related issues.
	+ Server hardware planning & implementation, Troubleshooting and Maintenance.
	+ Experience in Network designing, Planning, Implementation, Installation, Troubleshooting
	+ Managing & Maintaining the Network & Servers
	+ Manage virtualization infrastructure with VMware Vsphere 5.5 & 6.0 and Deploy the server in AWS Cloud Platform.

**Technical Profile:-**

### Windows :-

* Administrating Microsoft Windows Server 2003\2008\12.
* Installation and configuration of Windows server 2012.
* Managing 500+ users software and hardware related issues.
* Installing different flavours of windows servers.
* Installing and configuring Windows Server Active Directory Service.
* Security administration for AD, Windows Server access and Exchange for a ~1000 user account multiple domain forest, user account creation and archival, managing access controls, and domain structure configuration.
* Responsible for mailbox creation/updating/relocating, group mailboxes, and Mail store.
* Creating sites and site links in Active Directory.
* Creating and managing OU architecture.
* Diagnosing all hardware related issues using dell support tools
* Installation of application software & troubleshooting Hardware issues.
* Configuration of Email clients like MS Outlook , Outlook Express and Smarter Mail.
* Troubleshooting user login problems
* Configuring user profiles
* Enabling ports.
* Creating users and groups
* Providing login permissions and NTFS permissions
* Creating and managing exchange 2013 recipients
* Troubleshooting DNS, DHCP and VPN related issued.
* Checking Network and PC’s for virus, installing virus patches.
* Creating , managing and Group policy.
* Creating shares folder for creating the DFS.
* Creating the record in DNS.
* Maintaining and creating user accounts and groups by assigning respective permissions.
* Installing and configuring DNS & DHCP.
* Creating ang managing Hosts and websites in IIS 6 ,7 service configuration.
* Troubleshooting Active Directory, and Related Problems.
* Software Deployment in Windows using group policies.
* Remote Administration of all windows servers using terminal services.
* Support local and remote users with Windows system related issues
* Level 1 Support as System Administration
* User administration such as creation, deletion, modifying
* Analysis and creating reports of all servers.
* Involving in L2-support activity. Such as scheduling activity, taking approvals.
* Performing Health Check Of server.
* Vendor management for hardware replacement and for server retirement.
* Responsible to monitor and keep cluster nodes online accordingly.
* Resolving all tickets within SLA timeframe.
* Handling the cluster nodes down/failover issues.
* Handling the Backup failure issues.
* Network folders configuration.
* FTP configuration.
* Managing Backups and Restoration of data Using NETBACKUP.
* Creating Vms managing them in HyperV.
* Taking Active Directory, DHCP and DNS backups and restoring as on required

**Technical Profile:-**

* **Networking :-**
	+ Configuration Of Routing Protocols: – **STATIC, RIP, EIGRP, OSPF & BGP**.
	+ Extensive Knowledge of Standard & Extended ACL.
	+ Route Summarization, Load balancing, Advanced OSPF (**STUB & NSSA**).
	+ Extensive Knowledge of **NAT** & **PAT**.
	+ Implementing LAN and WAN Connections Using SWITCHES and ROUTERS.
	+ Setup Of Layer 2 Switching & STP.
	+ Configuring and Troubleshooting **PPP, Frame Relay, RIP, EIGRP, OSPF, VLAN, VPN, TRUNKING**, And **HSRP** & IP Addressing Issues.
	+ During the course, I learned how to install and configure Cisco products like Cisco Catalyst 2900, 3550, 5500, 6500 Switches, Cisco 2500/2600/3600 Routers with protocols involving **TCP/IP, RIPv1, RIPv2, EIGRP, OSPF, BGP**.
	+ Installed and configured DHCP Client/Server
	+ Troubleshooting routine problems and maintenance of servers
	+ Configuring and managing static and dynamic routes using OSPF.
	+ V-LAN Management in CISCO Switches.
	+ IOS up gradation in routers and switches.
	+ VPN connectivity to various branches
	+ Connection of Point to Point & Internet lease line
	+ knowledge of various vendors like CISCO
	+ Enabling port fast, uplink fast, and backbone fast for fast convergence.
	+ Construct protocols for port-security to prevent any unauthorized access to the network.

### ADDITIONAL INFORMATION:

* **Technical Summary**:
	+ Operating Systems: Red Hat Enterprise Linux 6x, 7x, Centos 4.x. 5.x, 6x, Microsoft 2003/2008/R2, 2012/R2, 2016, Windows 98/XP/Vista/7, MS-DOS,
	+ Services: NFS, DNS, SSH, SFTP, FTP, NTP, Telnet.
	+ Virtualization: View 4.5 /ESXi4.1,5.0,5.1,5.5 , 6.0 /VMWare vSphere 4.0 , 5.0 & 6.0 , Site Recovery Management (SRM), VMware infrastructure 3.0/3.5,ESX 3/3.5, vCloud Suite 5.1, vCenter Lab Manager 4, vCenter Server, vCenter Update Manager, Symantec backup, Double Take Converter, vCenter Operations manager(vCOPs), Platespin , vSphere.
	+ Networking: TCP/IP, UDP, LAN, WAN, NIS, LDAP NIS+, DNS, DHCP, NAS, SAN, Router & Switches
	+ Storage: NAS , SAN , ISCSI , FCoE , EMC (VNX / VMAX) & NUTANIX .
	+ Hardware: DELL Power Edge servers R610/R710 and 2950, HP Blade servers, HP Proliant servers and Other HP hardware Net gear , Cisco & HP Switches, EMC SAN, VMAX, DMX, EMC Clarian, NetApp, SAN.

**ASHIRWAD STEELS & INDUSTRIES LIMITED .**

**Designation: Mechanical Engineer(Trainee). From:- Sept 2011 to Oct 2012**

**Job Responsibility.**

* Erection, commissioning, operation and mechanical maintenance.
* Trouble shooting and shutdown maintenance.
* Manpower and spares planning.
* Attending shift breakdowns.
* Achieve the departmental goals / objectives in terms of production targets, quality, cost, safety & environment.
* Ensure men, machine, material, environment safety with benchmark operating practices from the industry.

## Technology Skills: -

* + Scripting: **Python, Shell**
	+ Languages: C, C , Java, Assembly language
	+ GUI development: Tcl,Tk, Java
	+ Markup Languages: Html and XML
	+ Code maintenance Tools: CVS, Tortoise SVN, GIT
	+ Programming Methodologies: Waterfall, Iterative
	+ Debuggers: gdb, pdb

### OPERATING SYSTEMS:

* Server : Windows Server 2003, 2008 , 2012 & 2016 Redhat Linux, Centos & Bare-Metal EXSI.
* Client : Windows XP & MAC
* Software: Microsoft office/Microsoft Outlook/O365/Google G-Suites and Smarter Mail.

**Educational Qualification.**

* + B.Tech in Mechanical Engineering from Jawaharlal Nehru Technological University, Hyderabad (A.P), with 70.36 %. (2007 to 2011).
	+ Intermediate from Jharkhand Academic Council, Jamshedpur (Jharkhand) with 53%. (2005 to 2007).
	+ Matriculation from Jharkhand Academic Council, Jamshedpur (Jharkhand) with 75%. (2005).

**Strength**

* Capable of Handling Multiple tasks.
* Strong Interpersonal communication skills.
* Ability to continuously drive for process improvement.
* Strong commands of Oral and written English.

### Area of Interest:

* Artificial Intelligence
* Machine Learning
* Python
* Natural Language Processing
* Data scientist & Bigdata
* VMware vSphere Client 5.5, 6.0 & 7.0.
* Cloud computing (AWS & GOOGLE).
* Linux Redhat RHEL 6.0 ,7.0 & Centos
* Windows Server 2008/2012 R2.
* C , C++ / Java Scripting .

**Personal details**

* Father’s Name : Ashfaque Ahmad
* Date of Birth : 22nd October 1987
* Nationality : Indian
* Marital Status : Married
* Languages : English, Hindi &Urdu
* Present Address : KF4- FLAT NO -152, B.H. AREA, KADMA, JAMSHEDPUR, JHARKHAND-831001.
* Permanent Address : KF4- FLAT NO -152, B.H. AREA, KADMA, JAMSHEDPUR, JHARKHAND -831001.

**Declaration**

I am Confident of my ability to work in a team. I solemnly declare that all the details mentioned above are true to the best of my knowledge and honesty. All relevant certificates and references will be furnished on demand.

### Place:

**Date: (Anwar Nazar)**