DevOps | Kubernetes | AWS | Jenkins | Docker | Terraform | Ansible (Looking for opportunities)

Skilled DevOps Engineer / Site Reliability Engineer with experience in infrastructure Automation and dockerization. As Senior Site Reliability Engineer, I have set up and managed 1000s of Linux & Windows servers, Linux Docker Hosts using orchestration tools e.g. ansible, terraform and cloud formation etc. Wrote different scripts to automate many deployments and OS based operations. Worked closely with vendors to slash company costs by 50%. Working on Jenkinsfile for CI/CD pipelines setup for multiple environments. Handle Blude/Green and Canary deployments for multiple products.

**Senior Site Reliability Engineer**

**Dates Employed Oct 2017 – May 2019**

**Employment Duration 1 yr 8 mos**

**Location Remote**

• Optimize AWS and Azure cloud computing costs  
• Use IaaC to automate and enable scaling of environments and systems  
• Eliminate complexity from both architecture and processes  
• Be proactive and work closely with the engineering teams to enhance our design and improve our platforms offering  
• Perform capacity planning and pre-launch reviews  
• Practice sustainable incident and problem management with Root Cause Analysis for incidents  
• Responsible for the availability, scalability, and efficiency of multiple infrastructure services running on a Linux platform  
• Handling PostgreSQL Servers with tuning for high performance including Replication  
• Responsible for setup, Configuration & troubleshooting of Apache/Nginx based servers  
• Handling IPSec based Linux VPN on cloud servers  
• Setup Nagios, Grafana and ELK stack for docker/instance and logs monitoring  
• Use Terraform and ansible to provision AWS infrastructure and deploy applications in docker containers  
• Deploy Pods on AWS Kubernetes using Jenkins CI/CD pipelines  
• Use github and Jenkins for continuous integration  
• Setup Gitops for java application deployment in different environments  
• Build and maintain a resilient, secure, and efficient SaaS OPS application platform to meet established SLAs  
• Collaborate with development team to bring new releases based on CI/CD into production  
• Ensure 99.99% uptime for multi-tenant infrastructure running more than 100 different products

### AWS DevOps Engineer

#### Dates Employed Feb 2016 – Sep 2017

#### Employment Duration 1 yr 8 mos

#### Location Remote

• Managing AWS infrastructure for multiple Enterprise Products  
• Setup CI/CD using Jenkins and ansible for java, python and nodejs applications  
• Eliminate complexity from both architecture and processes  
• Work on dockerizing multiple applications running on AWS Infrastructure  
• Automate docker images using Jenkins and ftp server for artifacts  
• Participate in server management and maintenance activities e.g: Patching, Updates on Servers  
• Manage AWS Infrastructure Security for multiple Enterprise Products  
• Participate in Scheduled Maintenance for Application Deployments on Production  
• Ensure 99.99% uptime for multi-tenant infrastructure running more than 100 different products  
• Optimize Apache/Nginx for Nodejs and PHP based applications

**[Cloud Architect](https://www.linkedin.com/company/vroozi/)**

[Company Name](https://www.linkedin.com/company/vroozi/)

[Vroozi](https://www.linkedin.com/company/vroozi/)

**[Dates Employed Sep 2016 – Oct 2017](https://www.linkedin.com/company/vroozi/)**

**[Employment Duration 1 yr 2 mos](https://www.linkedin.com/company/vroozi/)**

**[Location Lahore, Pakistan](https://www.linkedin.com/company/vroozi/)**

Part of the Cloud Engineers team responsible for maintaining the SOA system that was developed internally. I am also helping and educating software engineers and junior cloud engineers with devops practices and latest market trends and trying to familiarize and assist them on containerizing with Docker and deploying with Systemd units.   
Main achievements are:  
• Maintain Saas Application on AWS infrastructure  
• Building application with Docker for the new increasing business needs.  
• Educated the team and encouraged infrastructure as a code paradigm with the use of Ansible and Terraform  
• Moved manual infrastructure management into automated setup, which helped us create consistent environments for developers to be able to switch seamlessly between them.  
• Automated operational actions based AWS metrics for very common tasks such scale up / down  
• Using 3rd party and custom logging solutions alerting with log collectors, e.g. new relic - pagerduty  
• Capturing logs for application and the system logs using the ELK stack.

**[cipal Software Engineer - Linux](https://www.linkedin.com/company/ibex-global/)**

[Company Name](https://www.linkedin.com/company/ibex-global/)

[IBEX | Global](https://www.linkedin.com/company/ibex-global/)

**[Dates Employed Feb 2015 – Sep 2016](https://www.linkedin.com/company/ibex-global/)**

**[Employment Duration 1 yr 8 mos](https://www.linkedin.com/company/ibex-global/)**

**[Location Lahore](https://www.linkedin.com/company/ibex-global/)**

• Managing Linux based Servers in Hampton & Pittsburgh Datacenters  
• Managing Cloud Servers hosted on Digital Ocean & MS Azure  
• Providing Linux based PHP/Python Development environments to development team  
• Providing Support and services to IVR Department for Asterisk based Servers  
• Working on Bash/Python based scripts for backups and scheduled activities  
• Working on MS Exchange based alternative in Linux Environment  
• Working Automation for Digital Ocean & Infrastructure Deployments  
• Working with Development team on Python/Django project  
• Currently working on Docker/Ansible based environment  
• Participating in server management and maintenance activities e.g: Patching, Updates on Servers  
• Assisting in systems design and deployment for new and existing custom software solutions  
• Responsible for the availability, scalability, and efficiency of multiple infrastructure services running on a Linux platform  
• Handling MySQL Servers with tuning for high performance including Replication  
• Responsible for setup, Configuration & troubleshooting of Apache/Nginx based servers  
• Handling IPSec based Linux VPN on cloud servers for connectivity with IBEXGlobal Network

**[Technical Director](https://www.linkedin.com/company/appimize-studio/)**

[Company Name](https://www.linkedin.com/company/appimize-studio/)

[Appimize Studio](https://www.linkedin.com/company/appimize-studio/)

**[Dates Employed Oct 2013 – Jan 2015](https://www.linkedin.com/company/appimize-studio/)**

**[Employment Duration 1 yr 4 mos](https://www.linkedin.com/company/appimize-studio/)**

**[Location Lahore](https://www.linkedin.com/company/appimize-studio/)**

• Leading and managing Mobile Games & App development teams  
• Leading Mobile Game & App Deployments  
• Leading Web Development Team  
• Leading Infrastructure Team for Webhosting & Servers Support  
• Leading technical design process, developing team schedules, and assigning tasks to the team.  
• Working with Team Leads to evaluate and make feature, schedule and resource trade-offs.  
• Working on Game Design Techniques for making users   
• Interact closely with designers, artists, and animators to achieve the vision of the game.   
• Provides accurate task lists and adheres to a schedule based on project specifications.   
• Working on creating experiences that reach millions of players and fans!  
• Managing Local & Remote servers for Gaming Projects & 5000+ Hosting Customers  
• Managing SVN / GIT repositories on Local & Remote Infrastructure  
• Managing Cloud Servers for different organizations  
• Managing SCM Processes for Automating Build Management, Change Management, Version Control, Release Management  
• Managing Linux Servers local & remote for different organizations

**[Principal Server Engineer](https://www.linkedin.com/company/dena/)**

[Company Name](https://www.linkedin.com/company/dena/)

[DeNA](https://www.linkedin.com/company/dena/)

**[Dates Employed Oct 2012 – Sep 2013](https://www.linkedin.com/company/dena/)**

**[Employment Duration 1 yr](https://www.linkedin.com/company/dena/)**

**[Location Lahore, Pakistan](https://www.linkedin.com/company/dena/)**

• Ubuntu/Debian/Linux/Network Administration  
• Set-up and manage hosting of large-scale Mobile Games Server Applications on Amazon Web Services (AWS)  
• Manage Amazon server/storage deployments including release process, image management, backup/restore, HA/DR  
• Manage monitoring environment using Nagios, Zenoss, Cacti  
• Monitor system stability and performance and ensure system availability, reliability, and usability  
• Perform end-to-end administration of virtual Amazon infrastructure, focusing on Linux based systems  
• Troubleshoot complex problems, resolve operational issues  
• Perform Amazon instance maintenance and system upgrades including service packs, patches, hot fixes, vulnerabilities, and security configuration  
• Hands-on migration of Game Server applications e.g. ngServer to Cloud  
• Working closely with developers on Game projects and for building Deployment Scripts for Mobile Games deployment automation and monitoring  
• Experience managing full application stacks from the OS up through custom applications  
• Define and lead proof of concepts and pilots to support the use of cloud computing  
• Ensuring the high availability and security of our critical systems  
• Debug and troubleshoot services issues to resolve production defects and root cause analysis  
• Working on Virtualization (VMware, Xen, Hypervisor)  
• Working on security concepts / best practices  
• Working on IPsec, VPN, Load Balancing, Iperf, MTR, SSH, Network Monitoring / Troubleshooting tools  
• Working on implementation plan for Chef for Configuration Management and Automation.   
• Ensure using Amazon best practices for Cloud Applications  
• Managing continuous build and automated test environments using Bash/Perl  
• Bash/Perl Scripting for day to day automation of Administrative tasks  
• Train in-house Operations Engineers on Cloud operations

**[Principal SCM Engineer](https://www.linkedin.com/company/vopium/)**

[Company Name](https://www.linkedin.com/company/vopium/)

[Vopium](https://www.linkedin.com/company/vopium/)

**[Dates Employed Jul 2011 – Sep 2012](https://www.linkedin.com/company/vopium/)**

**[Employment Duration 1 yr 3 mos](https://www.linkedin.com/company/vopium/)**

• In depth knowledge of SCM processes and practices. Adds value through application of expertise in SCM across functional boundaries.  
• Possesses expert knowledge of the underlying concepts of Branching, Merging, and Archiving software throughout the development lifecycle. Provide overall leadership of SCM activities. Oversees SCM strategy development, providing consultation to other SW Quality teams and SW engineering efforts.  
• Highly skilled in developing guidance documentation and work instructions for enterprise use of SCM tools  
• Well experienced in software releases. Responsible for ensuring appropriateness and thoroughness in the creation, implementation, and maintenance the software release management process for multiple software applications with potentially complex dependencies. Able to manage others in the release process.  
• Significant experience and success in development of scripts and applications to facilitate automation of software releases  
• Responsible for ensuring integrity of software releases and software repositories  
• Expert in analyzing and interpreting build results to report, communicate, and work through issues with software engineers. Takes on primary ownership for software preparation for delivery.  
• Ability to train and oversee others in configuration management and software release processes  
• Solid understanding of the development environment and practices of the software development teams. Applies knowledge of the software development environment (from end user perspective) to ensure usability of SCM processes  
• Using SVN as Repository System for SCM implementation for Version Control and Build Management of Php, Java, IPhone, Blackberry, Android, Symbian Applications  
• Setup, Upgrades, Configuration & Troubleshooting of Apache, PHP, Tomcat on CentOS and Ubuntu Servers  
• Application Security updates/upgrades on Linux Servers

**[Senior SCM Engineer](https://www.linkedin.com/company/i2c-inc-/)**

[Company Name](https://www.linkedin.com/company/i2c-inc-/)

[i2c Inc.](https://www.linkedin.com/company/i2c-inc-/)

**[Dates Employed Apr 2011 – Sep 2011](https://www.linkedin.com/company/i2c-inc-/)**

**[Employment Duration 6 mos](https://www.linkedin.com/company/i2c-inc-/)**

• Actively working to ensure smooth and timely software builds, release management and software deployments on development, staging and production systems  
• Troubleshooting and fixing configuration and deployment issues using appropriate tools  
• Monitoring configurations and production systems with real time monitoring and alert systems to proactively predict, figure out and address impending problems with software systems  
• Prepare configuration management status reports for relevant stakeholders  
• Facilitates in establishing and implementing configuration management processes and SCM best practices  
• Facilitates in exploration and induction of tools and technologies related to SCM and release management aimed at improving the efficiency and effectiveness of the function  
• Using SVN as Repository System for SCM implementation for Version Control and Build Management of Java Applications  
• Setup, Upgrades, Configuration & Troubleshooting of Apache, PHP, Tomcat on Solaris Servers  
• Application Security updates/upgrades on Solaris Servers

**[Asterisk Programmer / System Administrator](https://www.linkedin.com/company/cinnova-technologies-llc/)**

[Company Name](https://www.linkedin.com/company/cinnova-technologies-llc/)

[Cinnova International](https://www.linkedin.com/company/cinnova-technologies-llc/)

**[Dates Employed Sep 2008 – Apr 2011](https://www.linkedin.com/company/cinnova-technologies-llc/)**

**[Employment Duration 2 yrs 8 mos](https://www.linkedin.com/company/cinnova-technologies-llc/)**

• Local Network Management.  
• Administration of Linux & Unix based servers  
• Scripting in Perl, PHP and VBS for different server related tasks  
• Implementation & Administration of Wireless + DSL Router  
• Implementation & Administration of MySQL Server  
• Implementation & Administration of Exim Mail Server  
• Implementation & Administration of Squid as Internet Gateway  
• Implementation & Administration of CVS  
• Bash scripting for Server Administration tasks  
• Performance Tuning of Web Servers, & DB Servers as per requirements of applications  
• Backup & Recovery planning for local as well as remote servers  
• Asterisk Server setup for local office and remote clients with AGI using PHP  
• Asterisk Implementation in Teleconferencing for IBTALK Webconferencing Solution using IVR, AMI, MySQL, MeetME, Toll Free Number, DID  
• Asterisk Implementation as a Voice recorder for online Presentations in IBSHOW using Asterisk Recorder, Text-to-Speech using SWIFT with CEPSTRAL, WAV to MP3 conversion using lame  
• SAP Server with MaxDB Administration   
• Conducting Audit & Penetration tests for the Servers in US  
• To provide assistance to developers in various issues related to Web Server, DB Server on Unix/Linux/Windows 2003  
• Implementation of security polices using Firewalls, Antivirus and Unix Internals  
• Antispam and Antivirus Config for Mail Servers  
• Audio/Video Streaming Setup using Adobe Flash Media Server & Flex Application  
• Setup & Configuration of Adobe Connect Pro , Web Conferencing, Web Conference & Online Meetings  
• Setup & Configuration of Adobe LiveCycle Enterprise Suite 2  
• Asterisk & Flash Media Gateway Connectivity for voice streaming through Flash Media Server

**[Linux Admin / Programmer](https://www.linkedin.com/company/naseeb-online-services-pvt-ltd---rozee.pk/)**

[Company Name](https://www.linkedin.com/company/naseeb-online-services-pvt-ltd---rozee.pk/)

[Naseeb Online Services (Pvt)Ltd - ROZEE.PK](https://www.linkedin.com/company/naseeb-online-services-pvt-ltd---rozee.pk/)

**[Dates Employed Apr 2007 – Aug 2008](https://www.linkedin.com/company/naseeb-online-services-pvt-ltd---rozee.pk/)**

**[Employment Duration 1 yr 5 mos](https://www.linkedin.com/company/naseeb-online-services-pvt-ltd---rozee.pk/)**

• LAN administration of 30+ nodes.  
• Administration of Slack ware, FreeBSD, CentOS  
• Scripting in Perl, PHP and VBS for different server related tasks  
• Implementation & Administration of Wireless Router  
• Implementation & Administration of MySQL Server  
• Implementation & Administration of QMail Server  
• Implementation & Administration of Squid as Internet Gateway  
• Implementation & Administration of CVS  
• Asterisk Server Administration, IVR & ATAs management  
• Planning & Implementing Uptime and Backup with Mirroring Plans for Naseeb and Rozee Live Servers  
• Daily Backup routines in perl and shell scripts for local & remote MySQL databases and PHP applications  
• Administration of Remote Linux and Unix servers including CISCO ASA 5505   
• Conducting Audit & Penetration tests for the Servers in US  
• To provide assistance in various field of Unix/Linux  
• Implement security polices using Firewalls, Antivirus and Unix Internals  
• Firewall Configuration and ACL designs  
• Antispam and Antivirus Config for Mail Server  
• Working on Dell 2950 & 1950 III, AMD OPTERON processors in machines/servers & Compaq Netserver with Micronet & DLink manageable Switches

**[Network Administrator](https://www.linkedin.com/search/results/all/?keywords=Visual%20Sparks%20Technologies)**

[Company Name](https://www.linkedin.com/search/results/all/?keywords=Visual%20Sparks%20Technologies)

[Visual Sparks Technologies](https://www.linkedin.com/search/results/all/?keywords=Visual%20Sparks%20Technologies)

**[Dates Employed 2007](https://www.linkedin.com/search/results/all/?keywords=Visual%20Sparks%20Technologies)**

**[Employment Duration less than a year](https://www.linkedin.com/search/results/all/?keywords=Visual%20Sparks%20Technologies)**

• LAN administration of 70+ nodes.  
• Implementation & Administration of Wireless Router.  
• Implementation & Administration of SQL Server and Oracle Server.  
• Implementation & Administration of MS Exchange Server.  
• Implementation & Administration of MS ISA 2004/2006.  
• Planning & Implementing Uptime and Backup with Mirroring Plans for Live Servers.  
• Conducting Audit & Penetration tests for the Servers in US  
• To provide assistance in various field of Unix/Linux  
• Implement security polices using Firewalls, Antivirus and Unix Internals  
• Firewall Configuration and ACL designs  
• Antispam and Antivirus Config for Mail Server

**[Technical Engineer](https://www.linkedin.com/company/websouls/)**

[Company Name](https://www.linkedin.com/company/websouls/)

[WebSouls](https://www.linkedin.com/company/websouls/)

**[Dates Employed 2004 – 2007](https://www.linkedin.com/company/websouls/)**

**[Employment Duration 3 yrs](https://www.linkedin.com/company/websouls/)**

• Managing a team of Network Engineers as a lead of Network Operations department. Responsibilities included scheduling, training, motivating the team and department.   
• Complete remote and local administration of Linux (Red Hat 6.1, 6.2, 7.1, 7.2, 7.3, 8.0, 9.0, Fedora 3) and Windows NT4/2000/2003 Servers etc.  
• Maintaining mail servers including Exim, QMail, IMail, Sendmail and maintenance of Local Exchange Server. Maintenance of Email servers and developing new configurations according to the user’s requirement for providing a well maintained Email service.  
• Managing web servers including Apache, IIS 5, 6 etc.  
• Managing other servers/services including Squid, DNS (Bind), ISA, FTP, DHCP, Billing applications etc.  
• Managing Database Servers MS SQL Server 2000/2005 and MYSQL 4/5.  
• Utilizing CRON jobs, shell and VB scripting to automate tasks on the server such as emailing, backups, file compression and transfers etc.  
• Administration of corporate LAN on Windows 2000/2003 Server and Windows 2000/XP Professional including internet Gateway/Domain Controllers  
• Several successful design/deployment of LAN/WLAN for other organizations.  
• Plan and implement system security policy, to include firewalls, host and client access, file permissions, and user accounts.  
• Research and development in the area of Information Technology assigned by management. Assigning R&D tasks to the network team on a weekly basis and filing all the work in an appropriate manner.  
• Preparing “Weekly engineering operations report” and “R&D report” for management to review and discussion.  
• Successful recovery of hacked system of ZAJIL Telecom Saudi Arabia  
• Maintaining and updating Hosting Servers and hosting Internet Domains   
• Maintaining a support department with complete trouble ticketing system for all the customers.  
• Working on KANNEL to provide Web2SMS support to ZAJIL Telecom Saudi Arabia

**[System Administrator](https://www.linkedin.com/company/webtechnos/)**

[Company Name](https://www.linkedin.com/company/webtechnos/)

[Webtechnos](https://www.linkedin.com/company/webtechnos/)

**[Dates Employed Sep 2002 – Mar 2004](https://www.linkedin.com/company/webtechnos/)**

**[Employment Duration 1 yr 7 mos](https://www.linkedin.com/company/webtechnos/)**

**[Location Lahore, Pakistan](https://www.linkedin.com/company/webtechnos/)**

• Managing Technical & Customer Support activities  
• Hosting Accounts Management  
• Security Scanning  
• Anti-hacking Setups  
• Remote Backup Scheme Designing  
• Troubleshooting Servers (Windows/Linux)   
• Planning Crash Recovery  
• Holding Penetration test  
• Deploying Intrusion detection system including Network Based Intrusion Detection, Log File Monitoring, File Integrity Checking using KLAXTON for doorknob rattling  
• Managing and Monitoring Honey Nets/pots  
• Complicated software’s designs for BSD, Linux based systems  
• Providing technical consultancy internationally  
• Deployment of SNORT  
• Internet Gateway/Domain Controllers for local office  
• Microsoft ISA 2004 for Local Internet Sharing  
• Content Filtering Application Designs  
• Soft Firewalls & Routings Planning & Implementation   
• Webtechnos Website development and maintenance