




Hassan Shamshir Bhati

DevOps Engineer

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- DevOps/Cloud Administrator in a leading multinational organization, contributing business value by developing and executing a strategic, long-term vision, while leading the firm to achieve measurable business results and growth, effectively managing the IT portfolio of investments.
- Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently.
- Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.
- Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy.
- Hardworking and passionate job seeker with strong organizational skills eager to secure entry-level junior position. Ready to help team achieve company goals.



Technical Profile

- | | |
|------------------|--------------|
| • Linux | • JIRA |
| • AWS Cloud | • Docker |
| • Azure Cloud | • PostgreSQL |
| • GCP | • GitHub |
| • K8s | • YAML |
| • MySQL | • Helm |
| • Microsoft Word | • OpenShift |
| • Git | • Terraform |
| • Shell | • Kafka |
| • PowerShell | • Ansible |
| • Neo4j | • Jenkins |
| • SMTP | • Flux-cd |
| • NFS | • Flagger |
| • Cassandra | • NGINX |
| • SSH | • GitLab |
| • LDAP | • Ubuntu |
| • CentOS | |



Competencies

- Maintenance and troubleshooting
- Performance Management
- Effective communication
- Virtualization
- Build releases
- Solutions deployment
- Agile



Work History

DevOps Engineer II

Calrom Lahore

- Create Custom Dockerfile for Dot Net MVC Framework Application and used build artifact inside it.
- Create Yaml Release Pipeline for building Docker Images and Deploying Helm charts in AKS cluster.
- Manage ACR for Docker Images.
- GitOps using Fluxcd.
- Create custom Helm chart for API.
- Configure k8s hybrid cluster on my local system

2020-12 – 2022-10

DevOps Engineer

Perception-IT Lahore

- Deploy AIM application on AWS using Terraform
- Create ECS Fargate Cluster in AWS and deploy containers
- Create ECR and push images inside it
- Create Code Build for building images
- Create Load Balancer (ALB) (Rules, Target groups and Target)
- Create Webhooks for the purpose of GitHub Integration
- Create Redis Cluster inside AWS
- Create RDS MySQL database, Snapshot and Database Migration (Serverless)
- Create EFS inside AWS inside private subnet
- Work on VPC and its components
- Work on AWS Cloud Watch, EC2, IAM, Role and policy OR permission
- Work on S3 Bucket inside AWS
- Work on Security group, Elastic IP and NACL
- Create K8s cluster using Ansible
- Configure Keycloak inside k8s cluster
- Configure Neo4j database inside Keycloak
- Configure Postgres database inside k8s cluster and integrate with Keycloak
- Configure Openkm inside k8s cluster
- Configure Kafka inside K8s cluster
- Deploy java Microservices in k8s.
- Configure EKS cluster.
- Configure Jenkins inside K8s cluster
- Configure NFS inside k8s cluster
- Trouble shooting and installation.
- Collaborated with team to determine application requirement specifications.
- Directed software design and development to meet client needs for functionality and performance.
- Configure LDAP server with OpenShift
- Deployed Website in AWS using Terraform
- Deployed Advanced Industry metrics (AIM) application in AWS by using Terraform

2019-08 – 2020-12

DevOps Engineer

Nextage Technologies Lahore

- Basically, here am working at Temok which is Domain and Hosting Proving company and also providing services to their client related to their project configuration and also trouble shooting them
- Working on different server Like AWS, Digital Ocean, Linode, Temok, Email server
- I have also work on their ecommerce site Ajooba.pk
- Working on Different Control Panel like cPanel, Plesk and also installed on a server
- Create MySQL Cluster for enhancing the database performance and also create its documentation.

2018-11 – 2019-08

DevOps Engineer

BrainPlow, Lahore

- Worked within the Cloud infrastructure for integration processes
- Troubleshoot and resolve issues within the Docker environment
- Ensure proper operational aspects including monitoring, reporting, backup for both Docker hosts and associated images and containers
- Experienced with the usage and pricing components of the cloud-based products
- Experienced with DevOps and application lifecycle management
- Experienced with automation and integration using Jenkins and GIT/GitLab
- Experienced in defining Application Deployment Solution on Docker based PaaS environment and migrating applications to Docker platform
- Experienced with Web Servers like Apache, Nginx
- Experienced in writing Bash Scripting and Cronjobs
- Experienced with the installation and Configuration of Databases PostgreSQL and MySQL
- Hands on for creating VMs using Vagrant and VirtualBox CLI
- Implemented CI/CD Pipeline by using Jenkins and Gitlab
- Used Ansible as Configuration management tool to automate repetitive tasks and proactively manage changes
- Clustering and Sharding of PostgreSQL, MySQL and MongoDB Server on VPS, AWS
- Implemented Firewall Restrictions and IP Tables based security
- Troubleshooting of Linux Servers and other Services
- Integration of SonarQube with Git, Git hub, Gitlab and Jenkins for the purpose of code inspection
- Hands on Kubernetes for the purpose of container Orchestration.
- Collaborated with team to determine application requirement specifications.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.

2017-08 – 2018-03

Lecturer

Leadership College, Khanewal

- Here I am working as a Computer Science Lecturer
- Dealing with I.cs 1st year and 2nd year classes
- Networking
- Created and designed quizzes, tests and projects to assess student knowledge.
- Mentored and advised students to explore career pathways based and amplify knowledge, skills and strengths.
- Collaborated with faculty and staff to create meaningful learning experiences.
- Created syllabus and instructional plans for each class session in accord with stated course objectives.
- Assessed students' progress and provided feedback to enhance learning.

2017-02 – 2017-08

Network Engineer Intern

BZU Multan

- Installed and maintained data and voice circuits through routers, switches and WAN devices.
- Provided network support and performed troubleshooting to resolve various WAN/LAN connectivity issues.
- Demonstrated proficiency in Linux, virtual platforms and cloud connectivity.
- Analyzed, troubleshot and enhanced network performance to drive efficiency.
- Maintained company servers, computers, printers, cables and other equipment.
- Oversaw network performance, making changes to boost overall efficiency and power.

2014-10 – 2016-11

Teacher

Superior Science School and Degree College Khanewal, Khanewal

- Here I am working as a teacher and during this session 8 students got 100% marks in 9th Class.
- Worked cooperatively with other teachers, administrators, and parents to help students reach learning objectives.
- Incorporated exciting and engaging activities to achieve student participation and hands-on learning.
- Kept students on-task with proactive behavior modification and positive reinforcement strategies.
- Graded and evaluated student assignments, papers, and course work.
- Communicated frequently with parents, students, and faculty to provide feedback and discuss instructional strategies.



Education

Bachelor of Computer Science

NFC-IET, Multan

CGPA: 3.01/4.00



Accomplishments

- Shopnroar <https://www.shopnroar.com/>
- Sell4bids <https://www.sell4bids.com/>
- Perceptionit Website <https://perceptionit.co.uk/>



Languages

- English
- Urdu