

Ijaz Ahmad

ijazahmad722@gmail.com (Mobile: +923360195196), Whatsapp: +447553317307

StackOverflow: <https://stackoverflow.com/users/4550110/ijaz-ahmad-khan?tab=profile>

Github: <https://github.com/iahmad-khan>

Upwork Projects: <https://www.upwork.com/freelancers/~010547f795b35d9992?viewMode=1>

I am a certified Cloud architect, with experience in DevOps and Site Reliability Engineering. I have been working in IT/Tech for 15 years. Here is a list of tech work I have been doing over the years.

Tech Skills:

- ☒ Linux System Administration and Bash Scripting
- ☒ Python Scripting for automating boring tasks
- ☒ Infrastructure as code using Terraform and Pulumi/Python
- ☒ Container adoption using Docker, Kubernetes, and Managed Kubernetes
- ☒ DevOps Automation (CI/CD)
- ☒ AWS and GCP Cloud Engineering (Storage, Compute, Networking, Containers, K8s)
- ☒ CI/CD pipelines and DevOps automation
- ☒ Git, Github, Gitlab, BitBucket, Jenkins
- ☒ Logging, Monitoring, and Alerting using DataDog, Prometheus, Grafana, ELK
- ☒ ELK cluster administration for large projects (on Linux, docker, and k8s, large clusters)
- ☒ Helm Charts for Kubernetes deployments
- ☒ Argo CD for Gitops workflows
- ☒ SSL/TLS automation using CertManager
- ☒ Traffic managers, LoadBalancing and Proxies
- ☒ Confluence and Jira admin
- ☒ Other Tools: MySQL, Postgres, Redis, Puppet

Kubernetes (and Docker) Specific Experience:

- ☒ Automating Docker builds, push deployments, etc
- ☒ Creating and managing on-prem clusters using RKE
- ☒ EKS and GKE cluster administration
- ☒ Troubleshooting failed volumes and pods
- ☒ Kubernetes deployments, stateful sets, and daemon sets
- ☒ Using Cert Manager for SSL/TLS automation
- ☒ Helm charts and operators
- ☒ Troubleshooting admission and mutating webhooks
- ☒ Using Logging and events to fix stuff
- ☒ Using ArgoCD to implement Gitops on Kubernetes
- ☒ Upgrading Kubernetes clusters and fixing API version issues
- ☒ Upgrading EKS versions
- ☒ Using Istio service mesh, Ingress, VS, DRs
- ☒ Ingress controllers and resources
- ☒ ExternalDNS
- ☐ GatewayAPI

Work Experience (Current: Senior Linux DevOps Engineer at PST.AG)

GCP SRE @ Royal Cyber (Jan 2024, May 2024)

- ✓ Worked on Kubernetes Cost Optimizations and AutoScaling
- ✓ AWS and GCP Cloud Migration, Kubernetes Cluster Upgrades
- ✓ Observability (Implemented Logging and Alerting)
- ✓ Worked on Terraform IaC for GCP resources such as Uptime checks

Web Administrator, EBI-UK (June 2017 - Dec 2021)

- ✓ Implemented a CaaS solution using RKE
- ✓ Deployed web-based applications on Linux, Docker, and self-managed Kubernetes
- ✓ Worked on Puppet, Foreman, and Salt, for config management of 1200 Linux Boxes
- ✓ Implemented IaC using TF for Web traffic Brocade vTM automation/management
- ✓ Administered Atlassian Confluence, JIRA, Git, self-hosted Gitlab
- ✓ Implemented Weblog processing using Hadoop/pig tools and ELKs
- ✓ Provided CI/CD support to Devs using Gitlab and Jenkins
- ✓ **Tools and Platforms:** Puppet, Foreman, Brocade VTM REST API, and TrafficScript, Git, GitHub, GitLab, Jenkins, VMware, Docker, Elasticsearch, Kibana, Hadoop, JIRA, Confluence, Kubernetes, Bash, Python, Puppet DSL, TrafficScript, Redhat, CentOS, Fedora

Cloud DevOps Engineer @ Waltlabs.IO (May 2022 - Dec 2024)

- ✓ Migrated workloads from on-prem to GCP/GKE (Dockerization and container adoption)
- ✓ GKE cost optimization and monitoring using Datadog
- ✓ Worked on Creating helm charts for custom apps
- ✓ Deployed third-party helm charts
- ✓ Upgrading AWS EKS clusters and Add-ons
- ✓ Participated in Pager Duty on-call rotation for 2 years
- ✓ Documented Monitors (Created Run books)
- ✓ **Tech:** Helm, Kubernetes, Docker, Gitlab/Github/BB, Jenkins, Terraform, Pulumi, ELK, CI/CD, AWS, GKE, Digital ocean

Systems Engineer @ CERN.ch (Aug 2015- May 2017)

- ✓ The maintenance of external software packages CMS relies on. Keeping track of updates and helping out with porting CMS software to new platforms when needed
- ✓ Configuration management of build nodes and related services through puppet
- ✓ Setting up and maintaining a monitoring system using ELK
- ✓ Improving the tools and documentation put in place
- ✓ **Tools Used:** Puppet, Docker, Kubernetes, Git, GitHub, Jenkins, ElasticSearch, Kibana, OpenStack, Python, Bash scripting

Education

BS-CIS, 2005-2009 - 3.73/4

Certifications

- ☒ Google, Professional Cloud Architect
- ☒ Google, Cloud Digital Leader
- ☒ Google, Professional Data Engineer

Recent Work/Projects

- ☒ Kubernetes Cost Optimizations and AutoScaling
- ☒ On-prem Kubernetes installations using RKE and TF
- ☒ AWS EKS and GKE Cloud Migration, Kubernetes Cluster Upgrades
- ☒ Setting up multi Branch CI/CD pipelines using Bitbucket, Nexus, SonarQube, Jenkins, and Kubernetes
- ☒ Setting ELK clusters for different projects (both on Linux VMs and K8S)
- ☒ CI/CD pipelines for AWS EKS, and Google GKE deployments
- ☒ Setting up Kubernetes clusters on EKS and Digital Ocean using Terraform
- ☒ Jenkins jobs for automating repetitive work
- ☒ External load balancer integration with Kubernetes services
- ☒ Data pipelines with Hadoop map-reduce and ELK, long-term web usage reporting
- ☒ Multi-Cluster Kubernetes logging with EFK
- ☒ Terraforming load balancer configurations, IaaS
- ☒ Setting up Gitlab Enterprise service for version control and CI/CD
- ☒ Dockerizing services such as Jira and Confluence, and setting up DR
- ☒ Helping developers to adopt Gitlab CI and Kubernetes container orchestration